

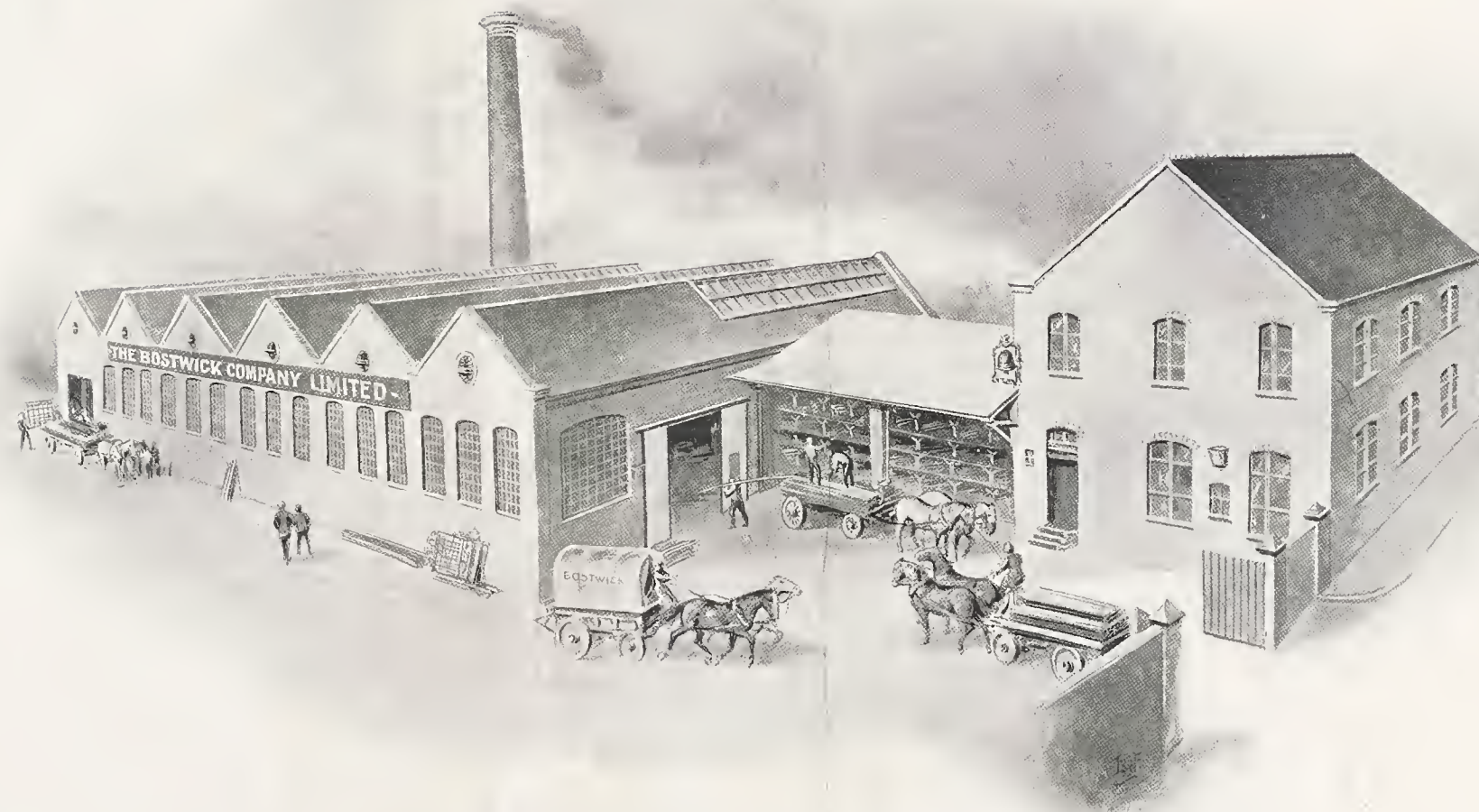




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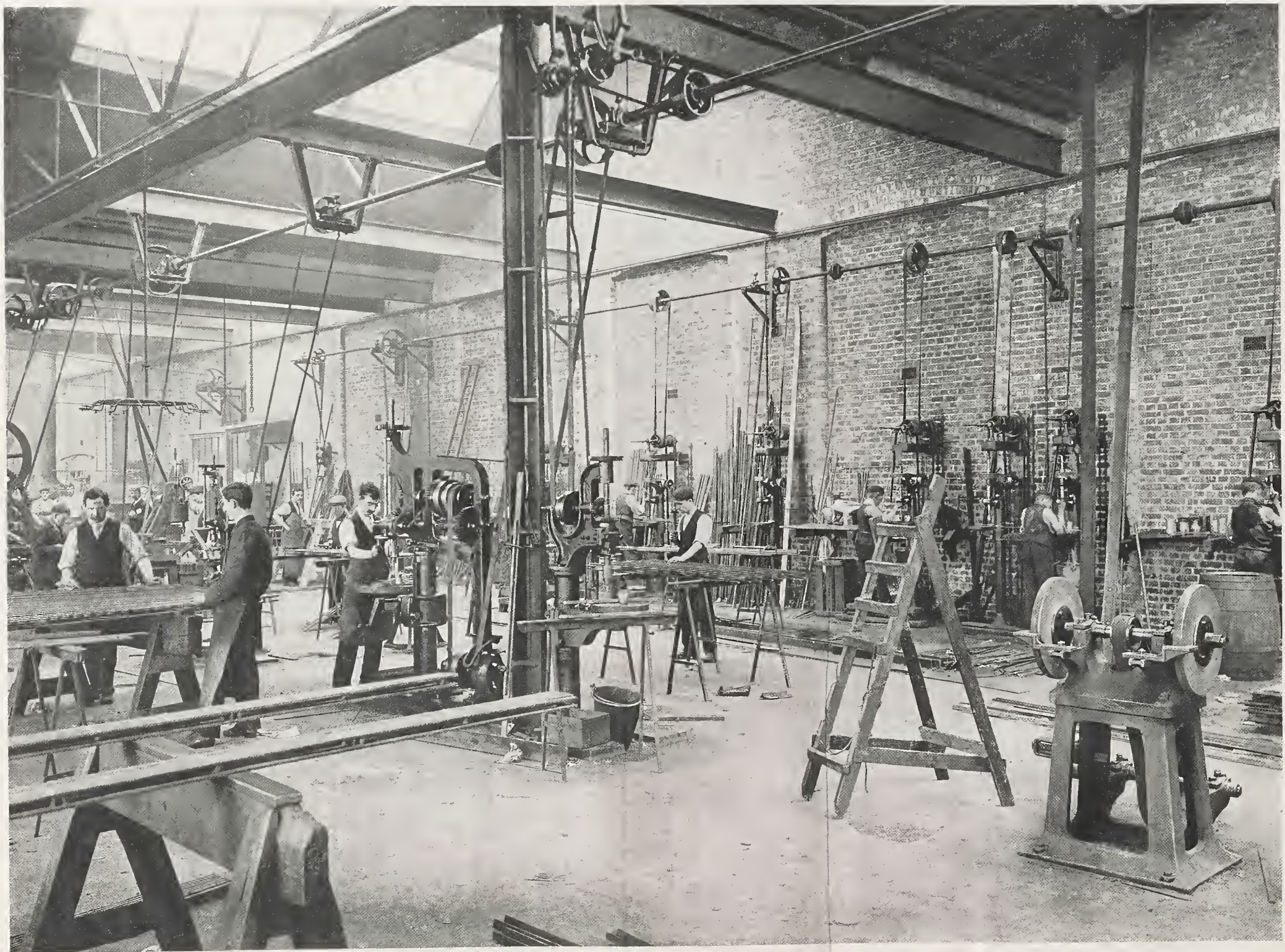
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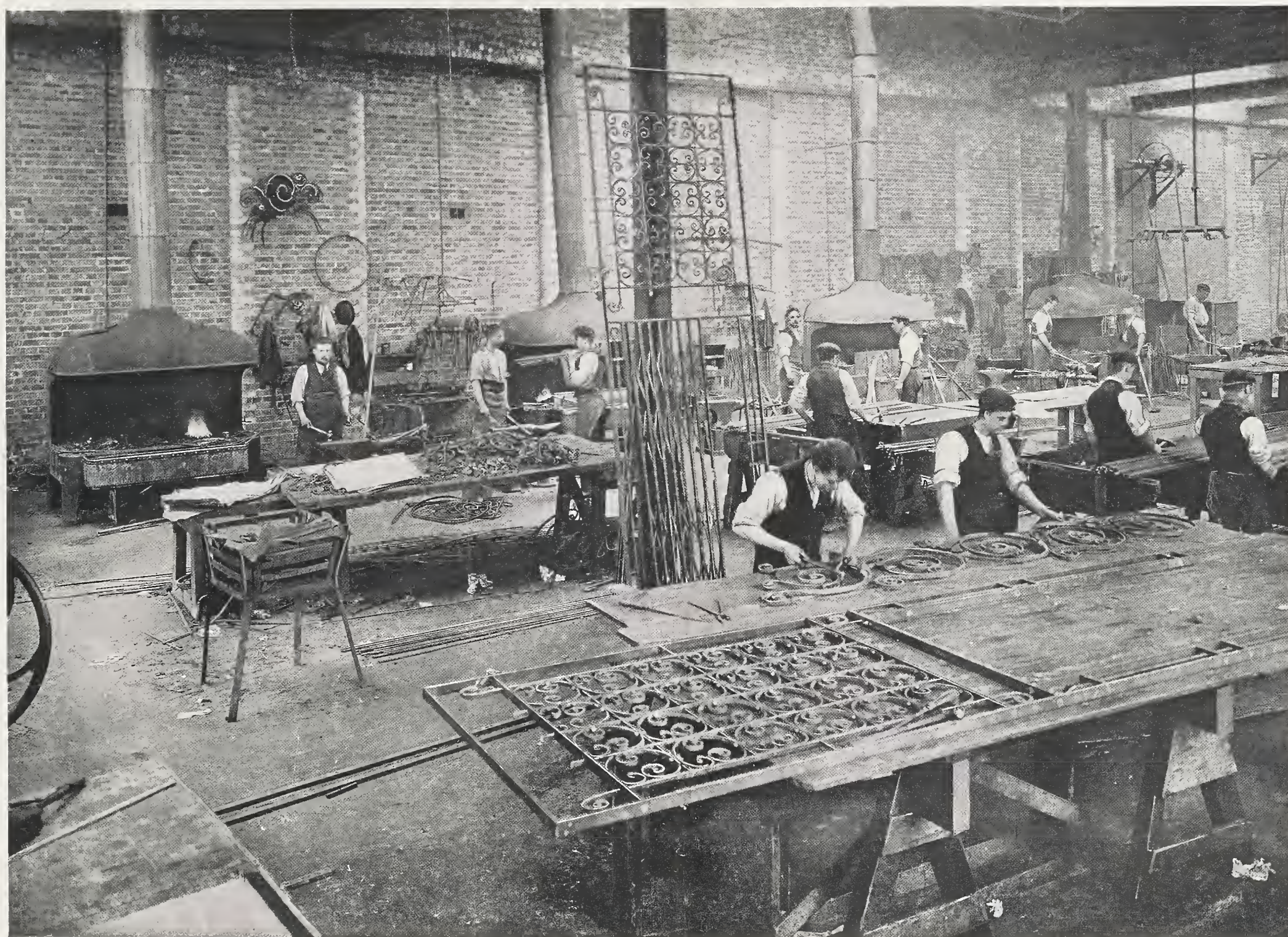
WORKS, WILLESDEN.





FITTING SHOP.





SMITHS' SHOP.





No. 1 STOCK SHED





Makers Of  
Electric and Gas  
Fittings  
Vases, Finials, Signs  
Lift Enclosures,  
Balusters, Railings,  
Ecclesiastical Work  
&c.

THE  
BOSTWICK &  
CATALOGUE OF  
WROUGHT IRON &  
ART METAL  
WORKS

WILLESDEN  
JUNCTION.

SHOWROOM  
&  
HEAD OFFICES  
16 GRAYS INN  
ROAD,  
LONDON W.C.

E.  
1903







## LIFT ENCLOSURES:

No. 1023.

No. 1036.

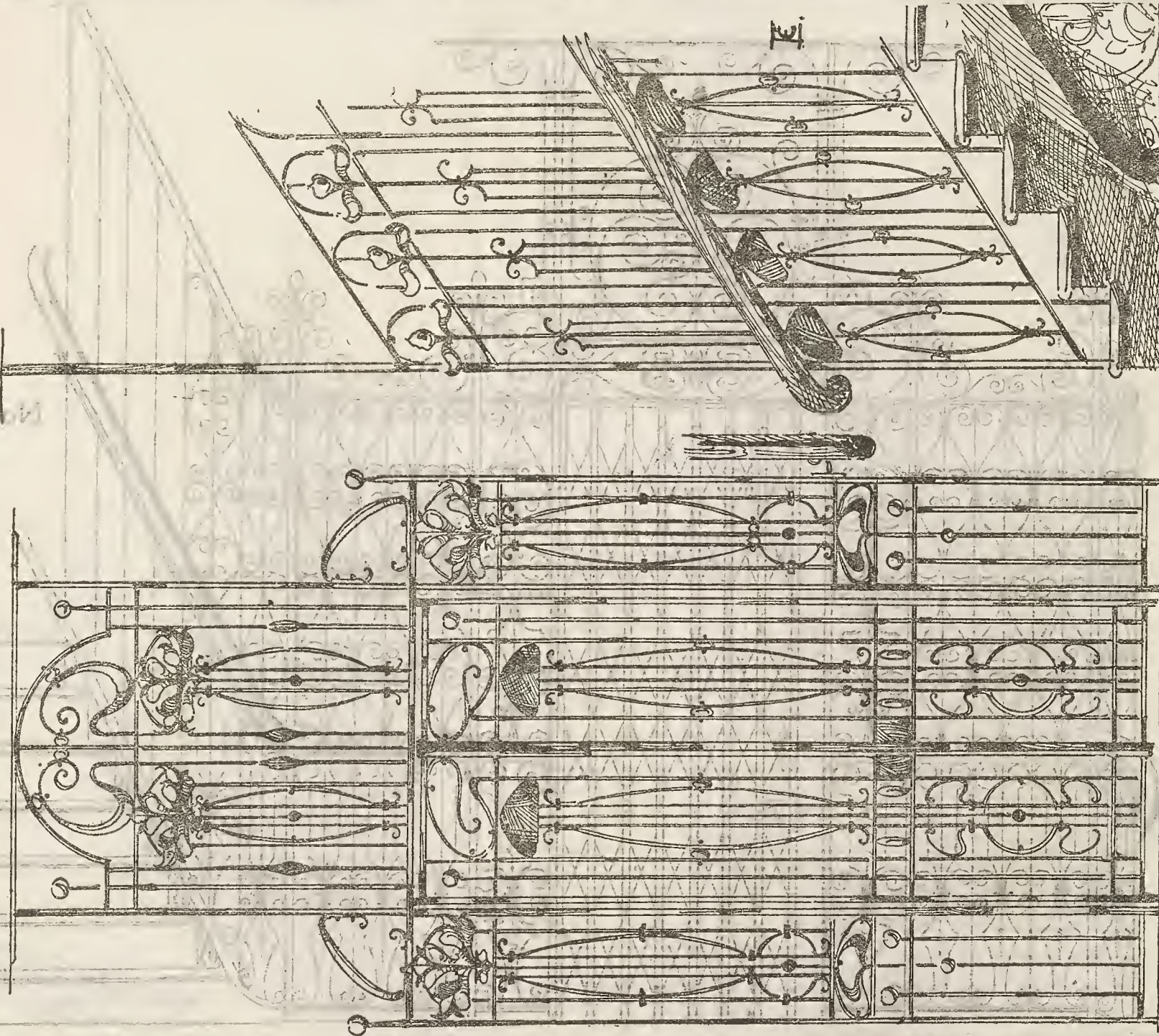
THE BOSTWICK GATE CO LIMITED.



# :LIFT ENCLOSURES:

Special Designs to  
 Suit Any Style of Architecture.  
 FREE ON Application.

About 3/4 Scale.



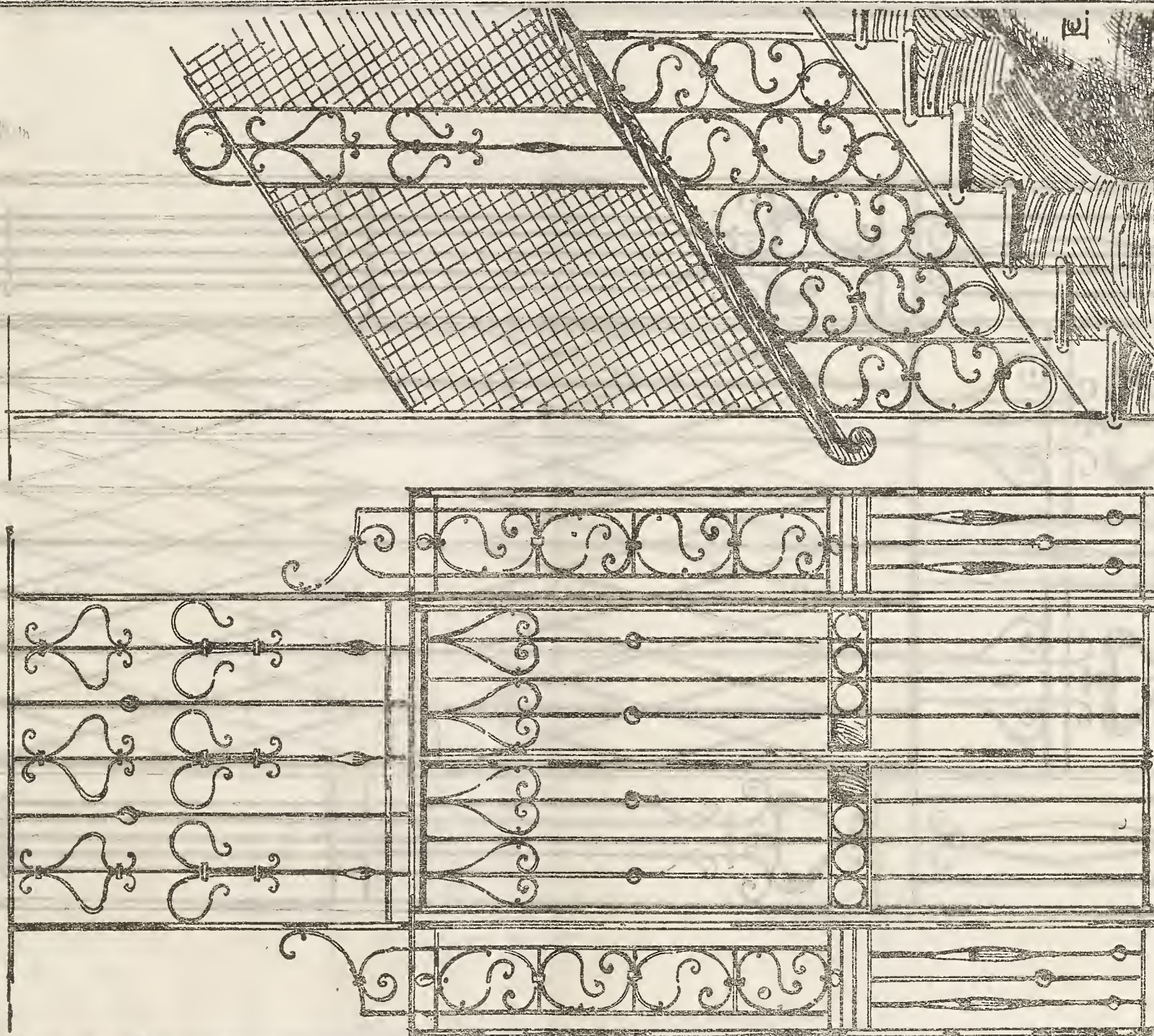
No 10201 N

THE BOSTWICK GATE CO LIMITED.



# LIFT ENCLOSURES:

...About 3/4 Scale...

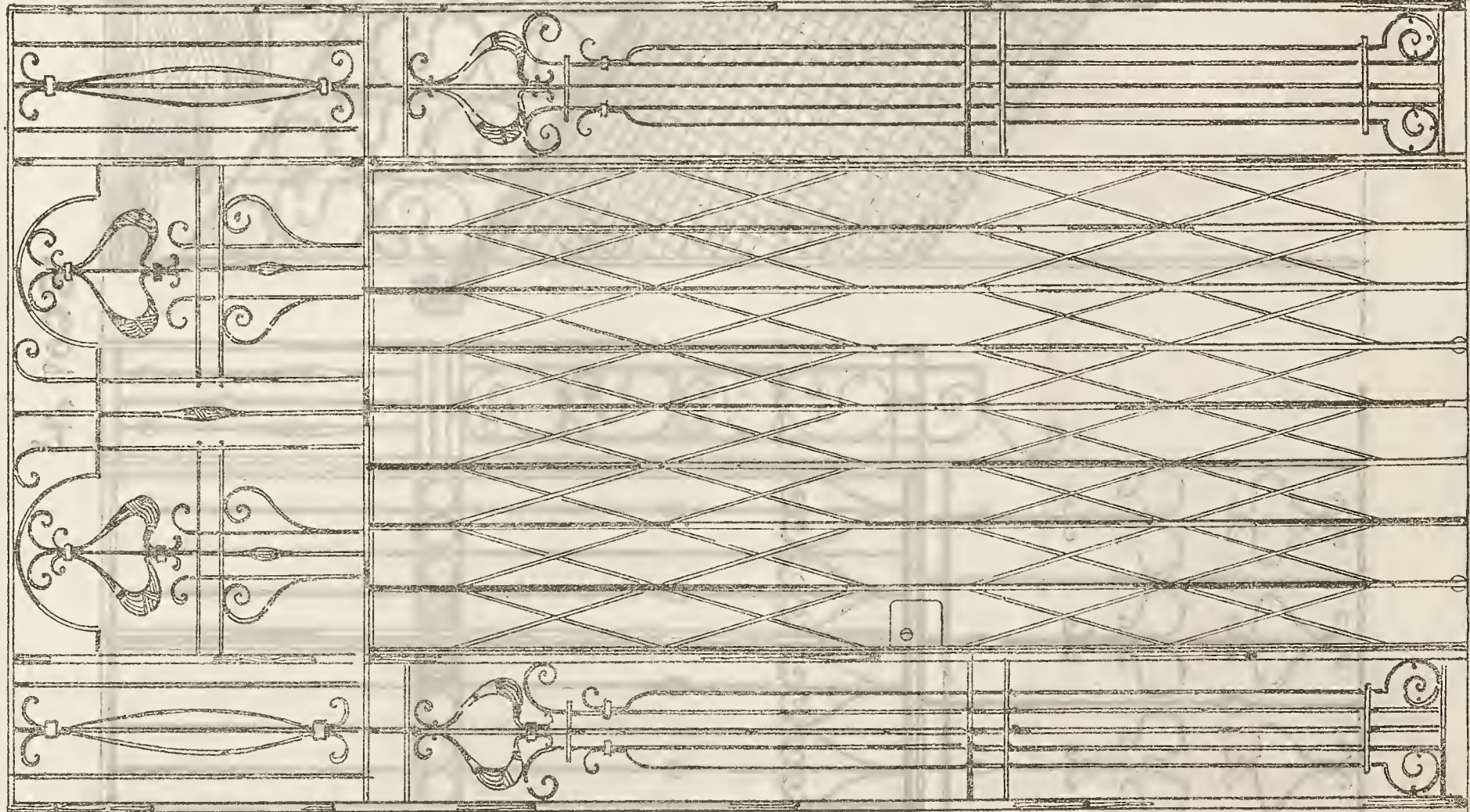


No 1038.

THE BOSTWICK GATE CO LIMITED.



## LIFT ENCLOSURES:



Scale 1" = 1'0"00  
 No. 1039.

THE BOSTWICK GATE CO LIMITED.



# GRILLES



N° 1041.



N° 1042.

Reproductions of the  
best periods, of English  
& French, Decorative  
Art. Special Designs  
faithfully reproduced.

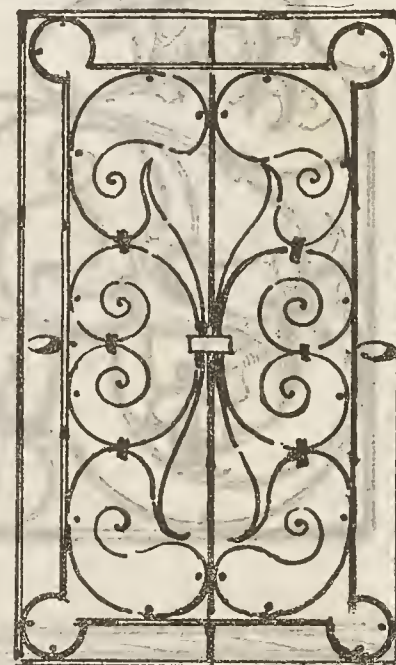
About 1 inch  
Scale.

THE BOSTWICK GATE CO LIMITED.



# GRILLES.

N° 1044.



N° 1043.



N° 1045.

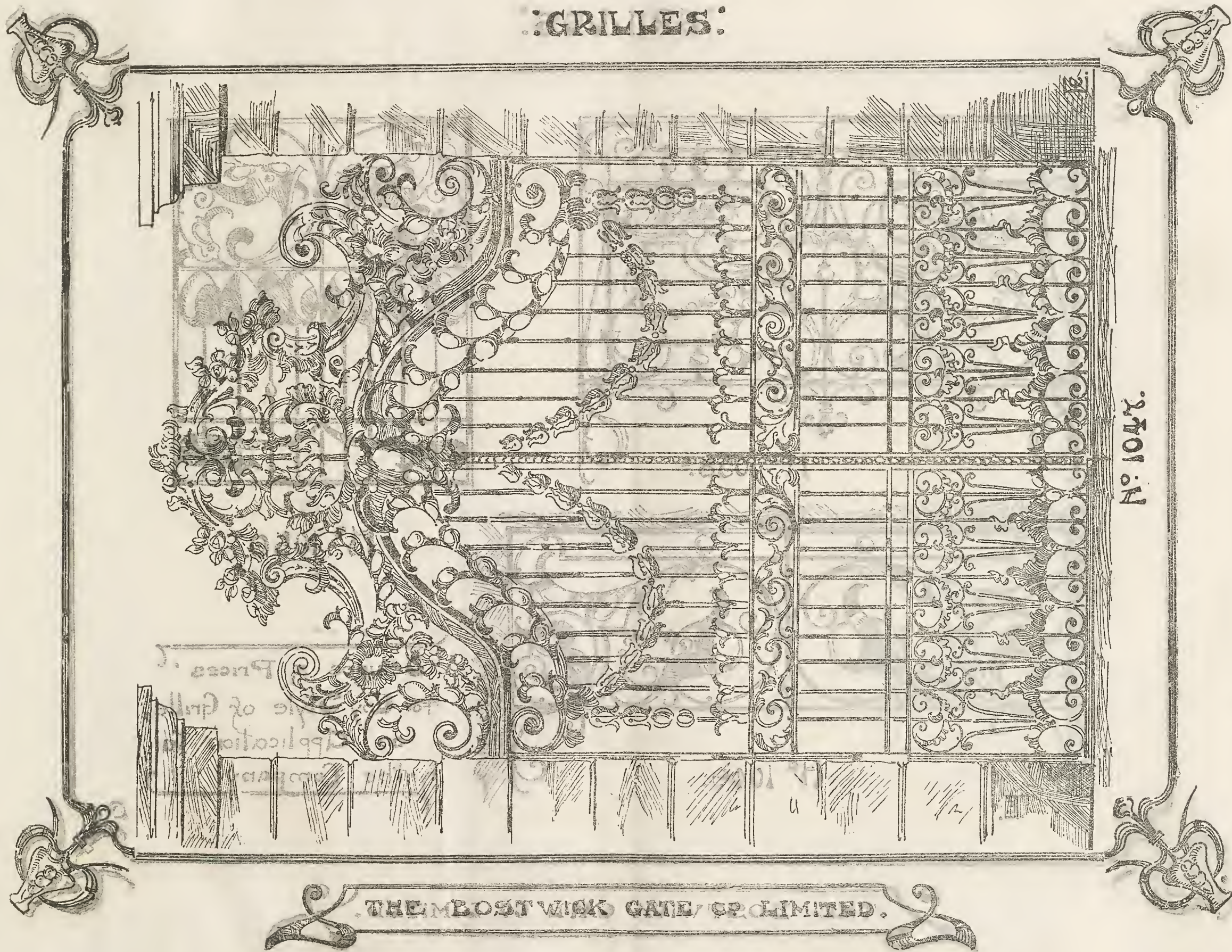
N° 1046.



THE BOSTWICK GATE CO. LIMITED.



## GRILLES.

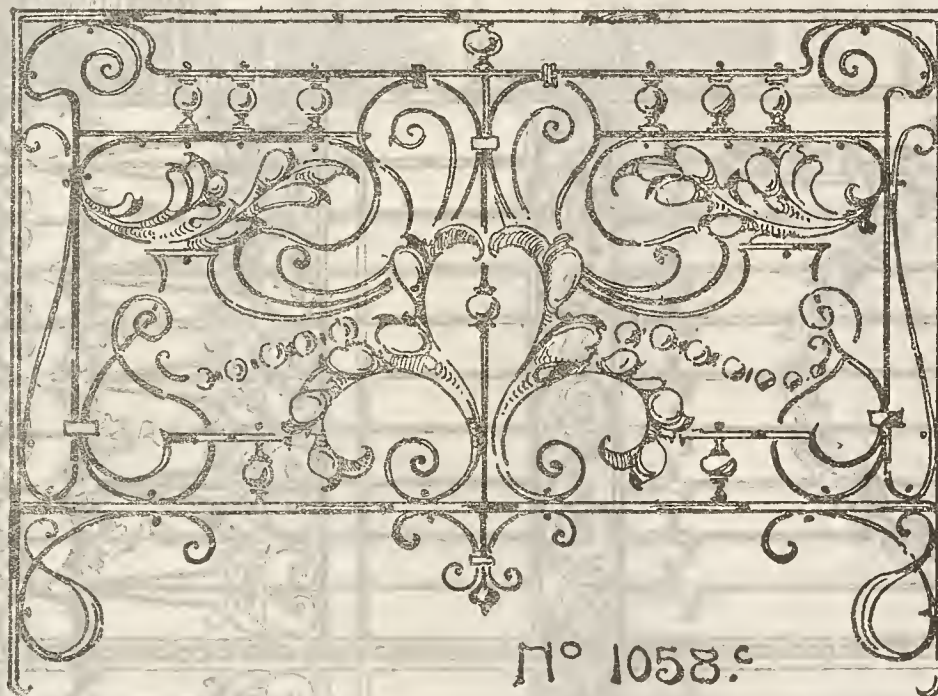


No. 1047.

THE MBSOTWICK GATE CO. LIMITED.



# GRILLES.



Designs & Prices  
for Any Style of Grille,  
on Application to  
the Company.

THE BOSTWICK GATE CO LIMITED.





GRILLE EXHIBITED AT THE ARTS AND CRAFTS EXHIBITION.









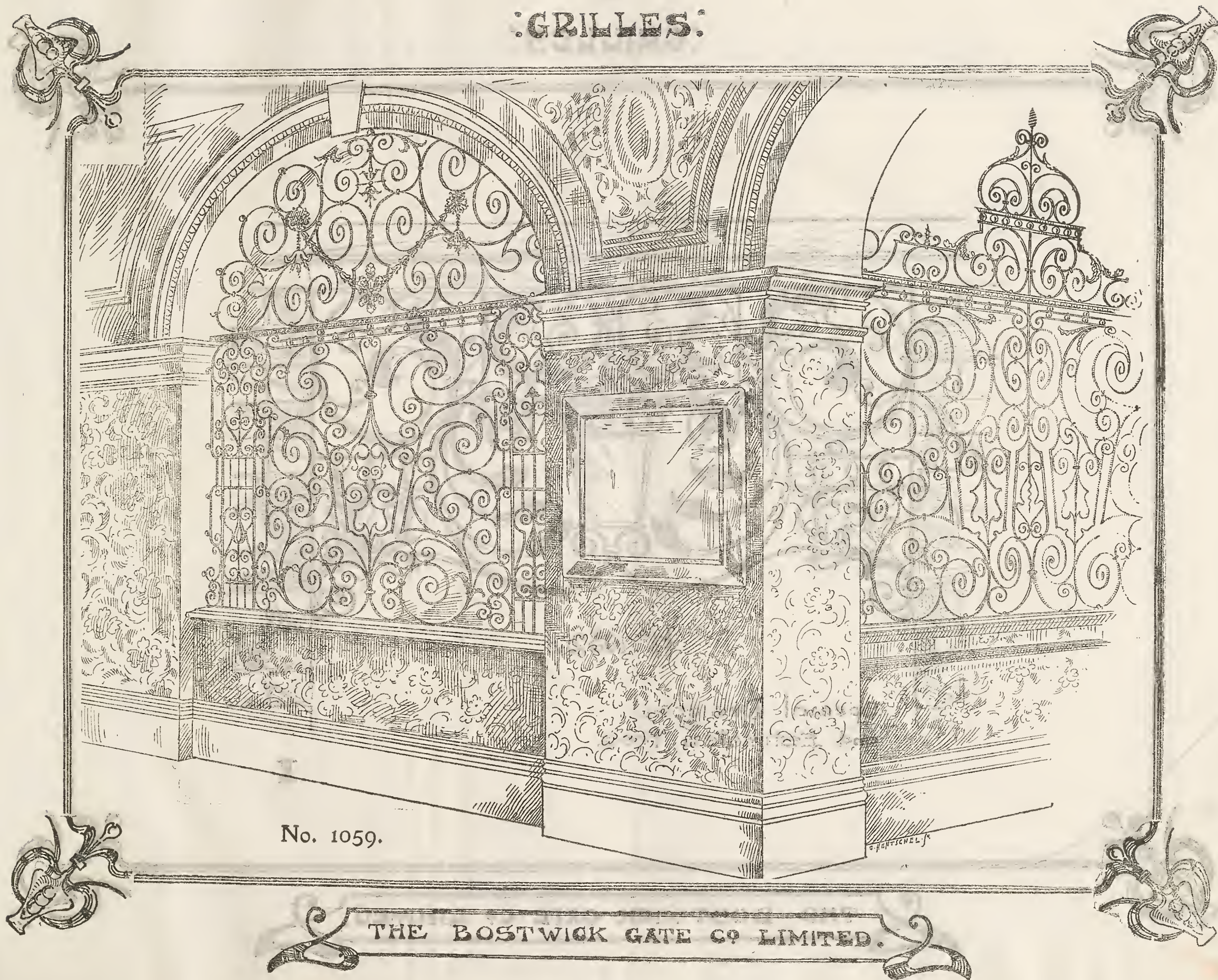
WROUGHT IRON GRILLE Supplied to the Hong Kong and Shanghai Bank, Hong Kong.







## GRILLES.



No. 1059.

THE BOSTWICK GATE CO LIMITED.



# GRILLES



No 1052.

Special Designs,  
and Estimates Free.

E.

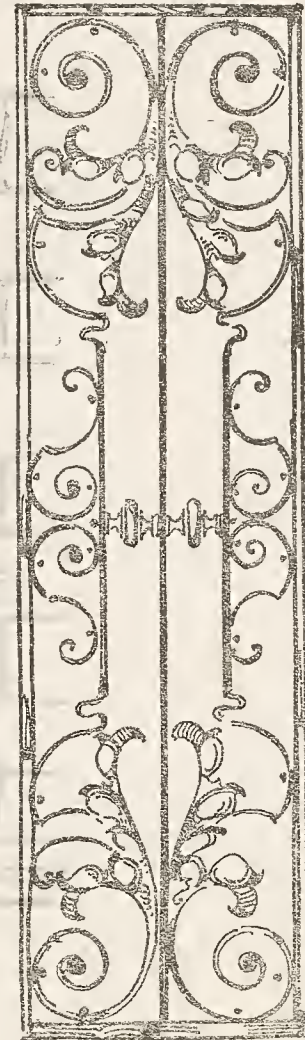
THE BOSTWICK GATE CO LIMITED.



## :GRILLES:



N° 1053.



N° 1055. E.



N° 1054.

THE BOSTWICK GATE CO. LIMITED.



## GRILLES.



No 1051.

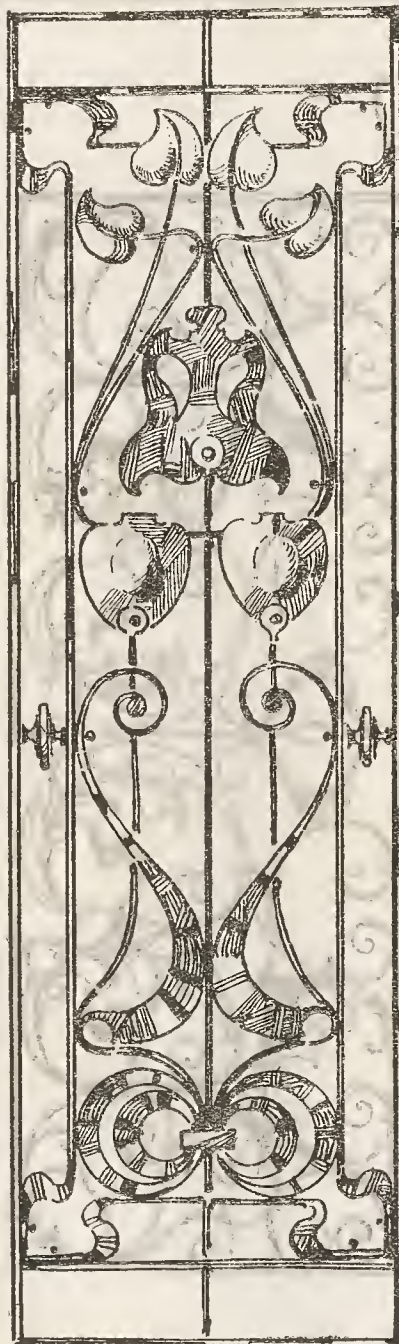
THE BOSTWICK GATE CO LIMITED.



## DOOR PANELS:



E. N° 1060.



N° 1061.

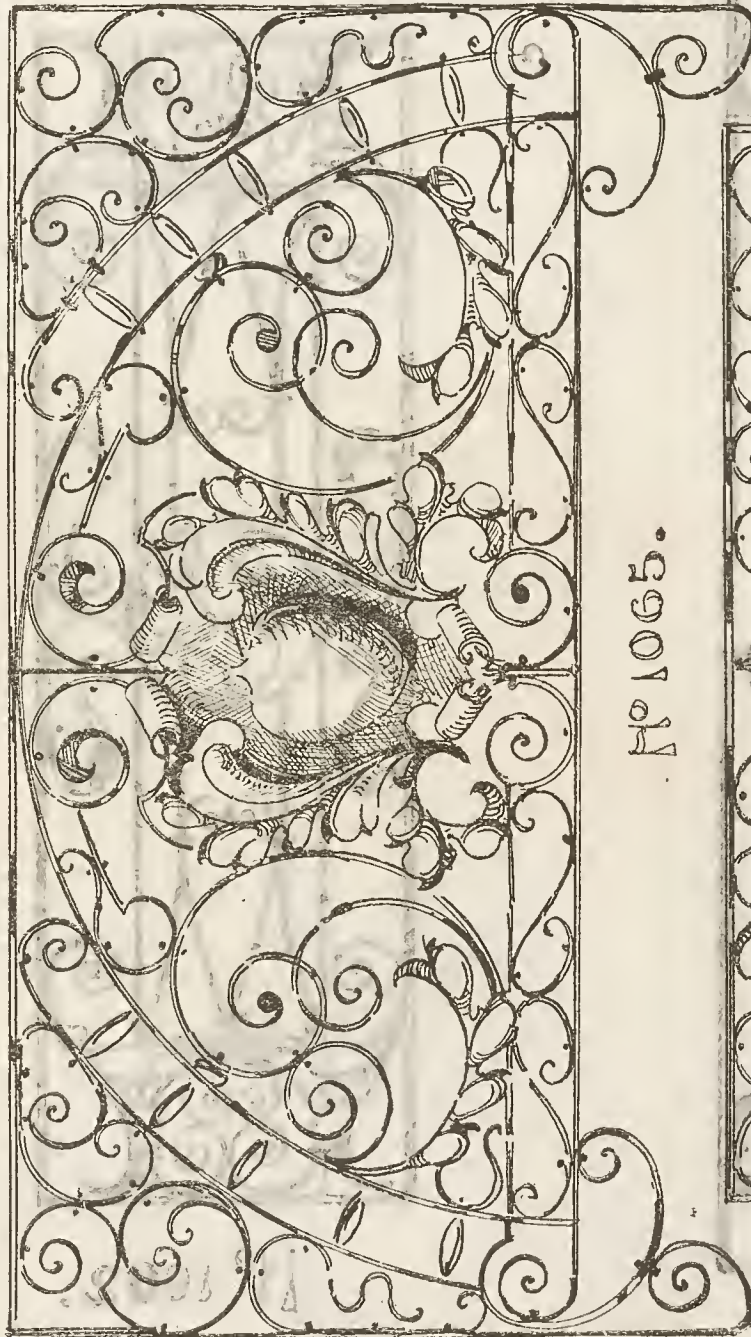
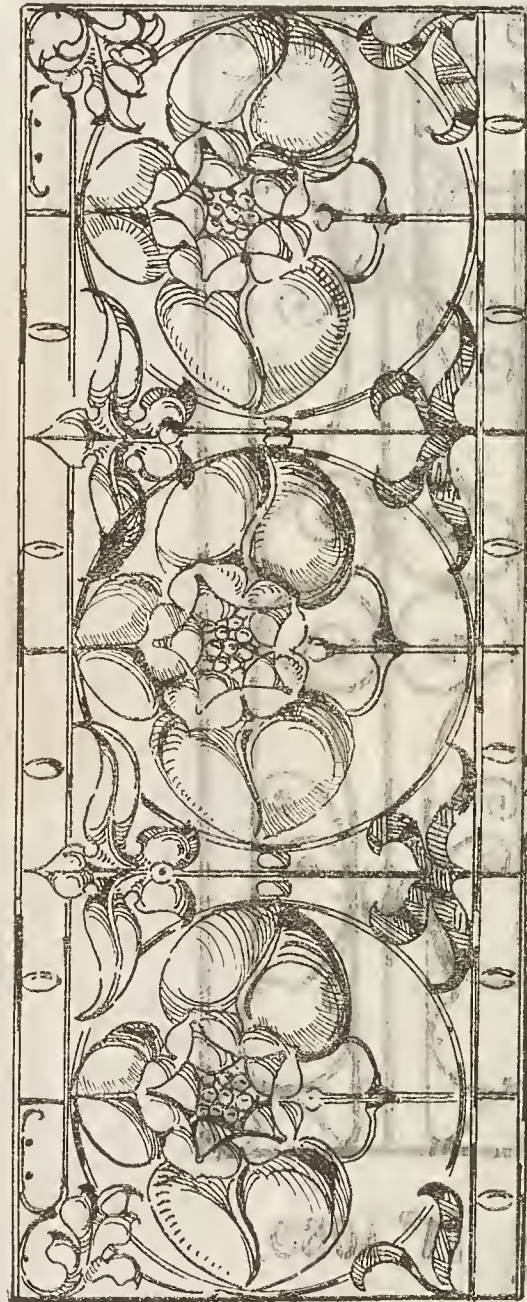


N° 1062.

THE BOSTWICK GATE CO LIMITED.



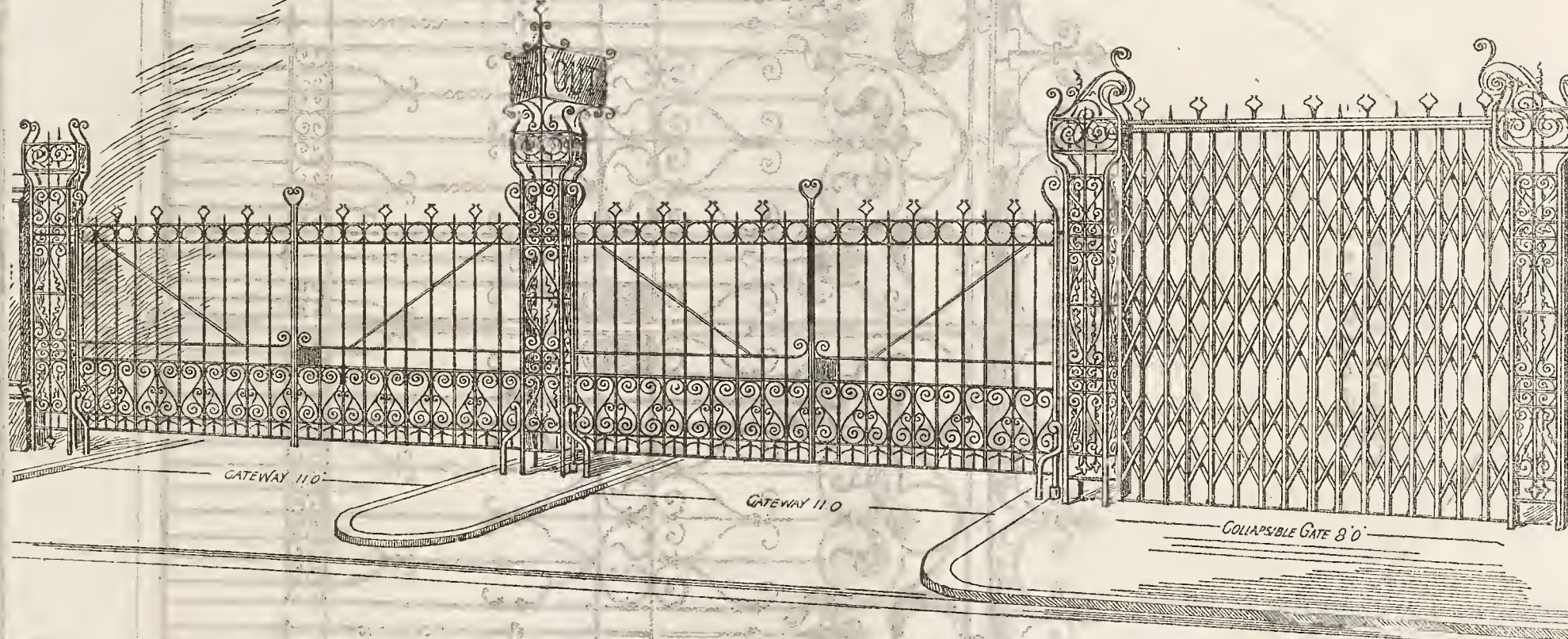
## GRILLES

N<sup>o</sup> 1065.N<sup>o</sup> 1064.N<sup>o</sup> 1063.

THE BOSTWICK GATE CO LIMITED.



# ENTRANCE GATES:

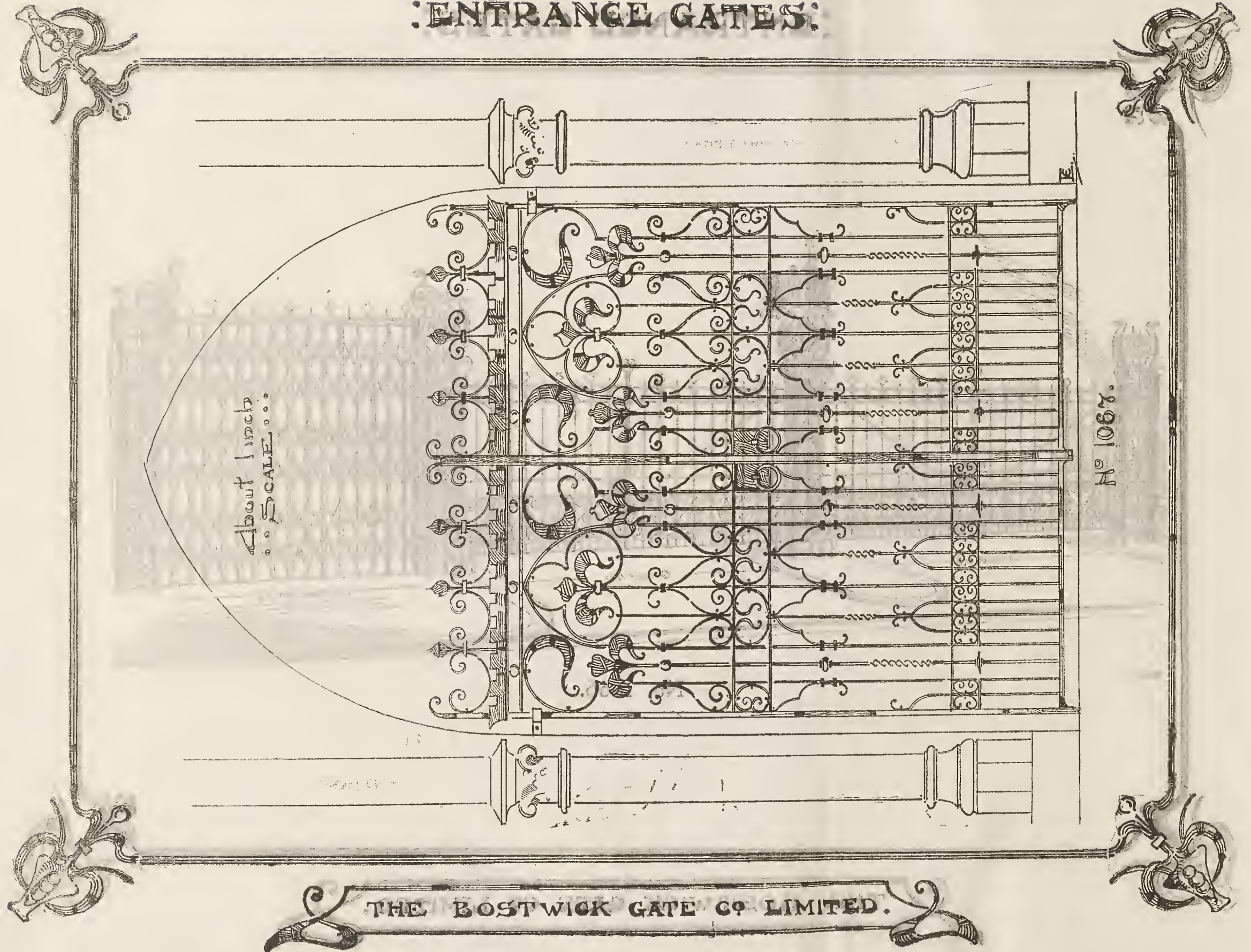


No. 1066.

THE BOSTWICK GATE CO. LIMITED.



# ENTRANCE GATES.





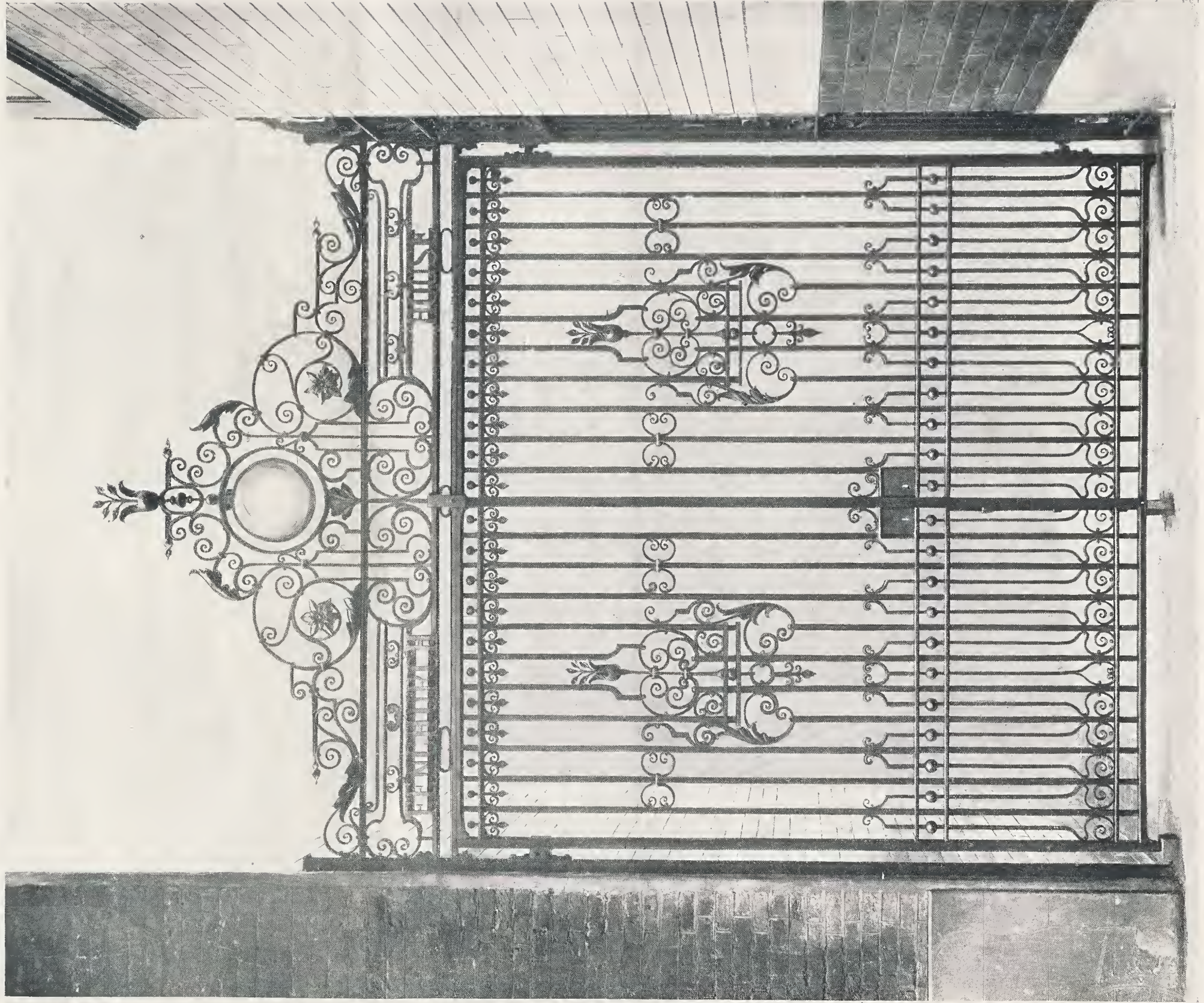


FISHMONGER'S SHOP, BELFAST.









WROUGHT IRON ENTRANCE GATES, FENCHURCH HOUSE.

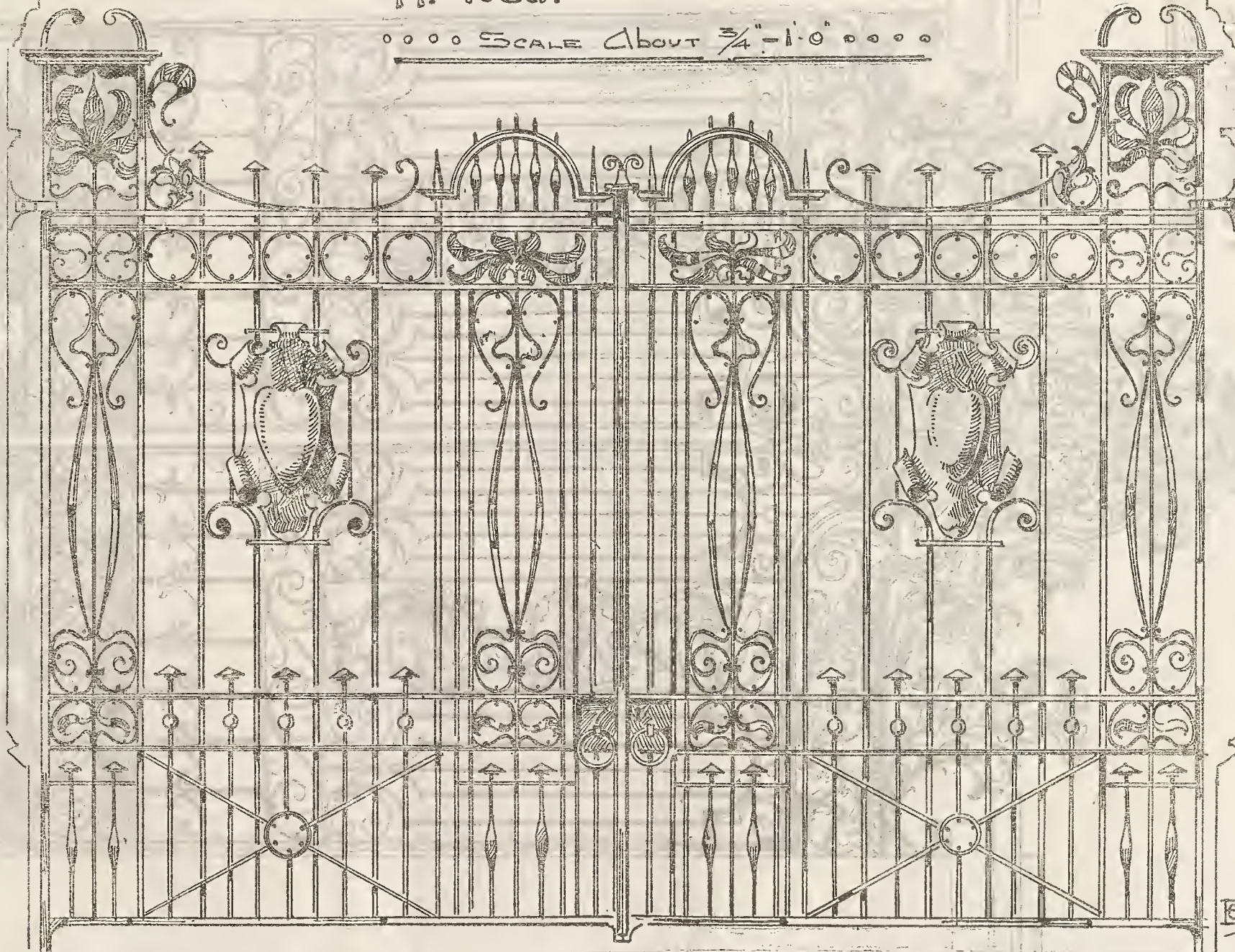






# ENTRANCE GATES:

No 1068.

Scale About  $\frac{3}{4}$ " = 1'-0"

THE BOSTWICK GATE CO LIMITED.



# ENTRANCE GATES.

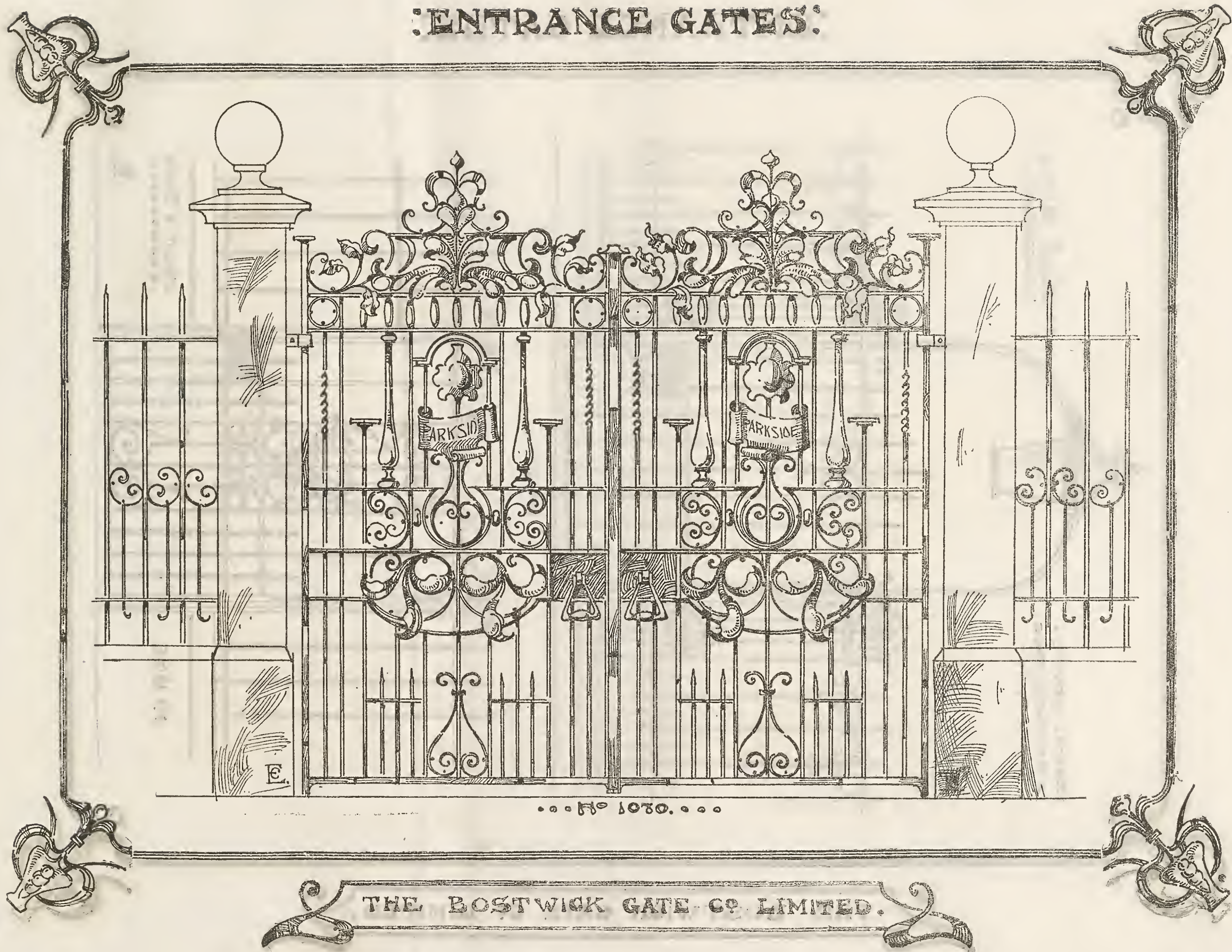
DESIGNERS & CO.  
CRAFTSMEN IN  
HISTORIC STYLES.

6601 011

THE BOSTWICK GATE CO LIMITED.

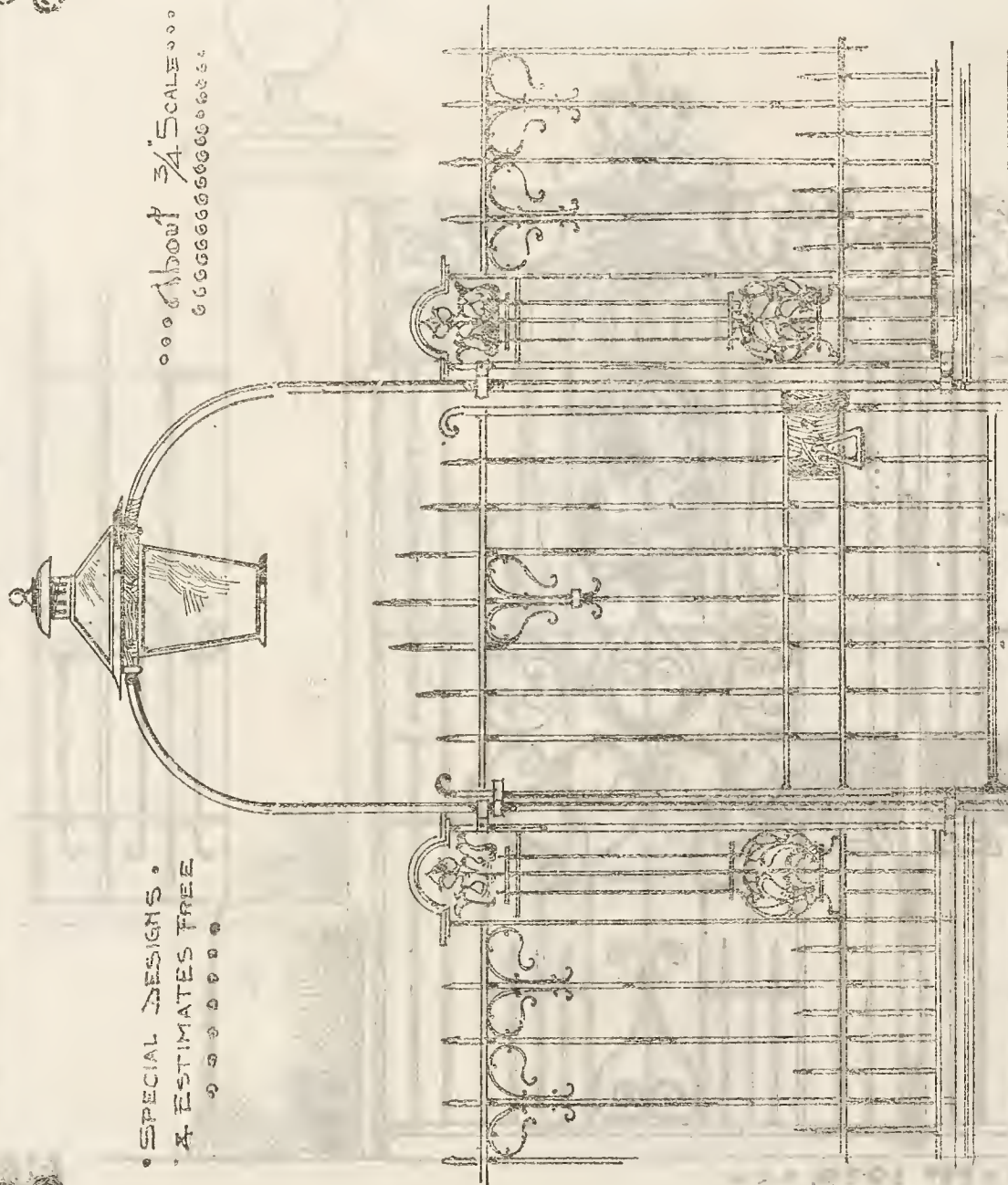


# ENTRANCE GATES.





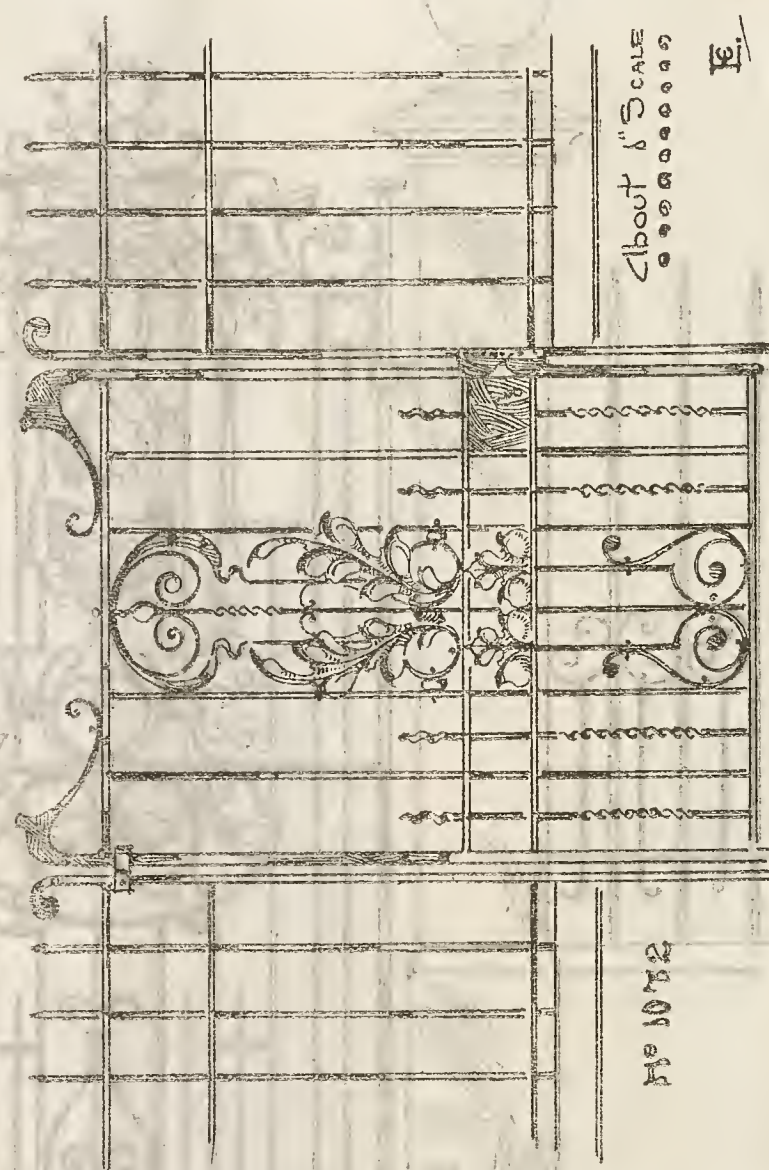
# ENTRANCE GATES:



SPECIAL DESIGNS.  
 & ESTIMATES FREE

about 3/4 SCALE

No 1071.



No 1072

about 1" SCALE

10

THE BOSTWICK GATE CO LIMITED.



# ENTRANCE GATES:

No 1073.

THE BOSTWICK GATE CO LIMITED.



# ENTRANCE GATES:

... About  $\frac{3}{4}$  SCALE ...



OTHER DESIGNS  
\* PRICES ON ...  
APPLICATION ...  
... ..

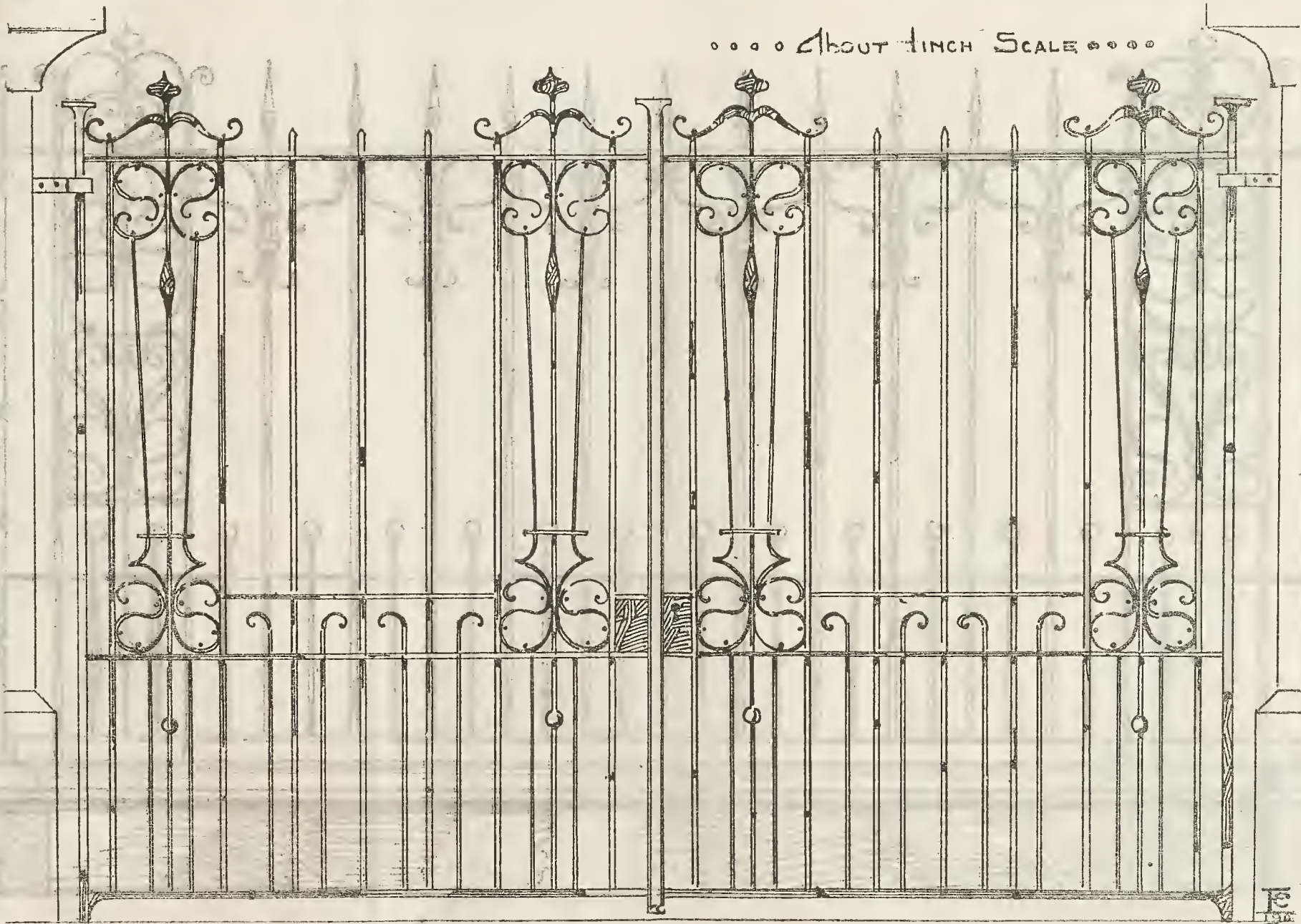
No. 1074.

THE BOSTWICK GATE CO LIMITED.



# ENTRANCE GATES:

•••• About 4 INCH SCALE ••••

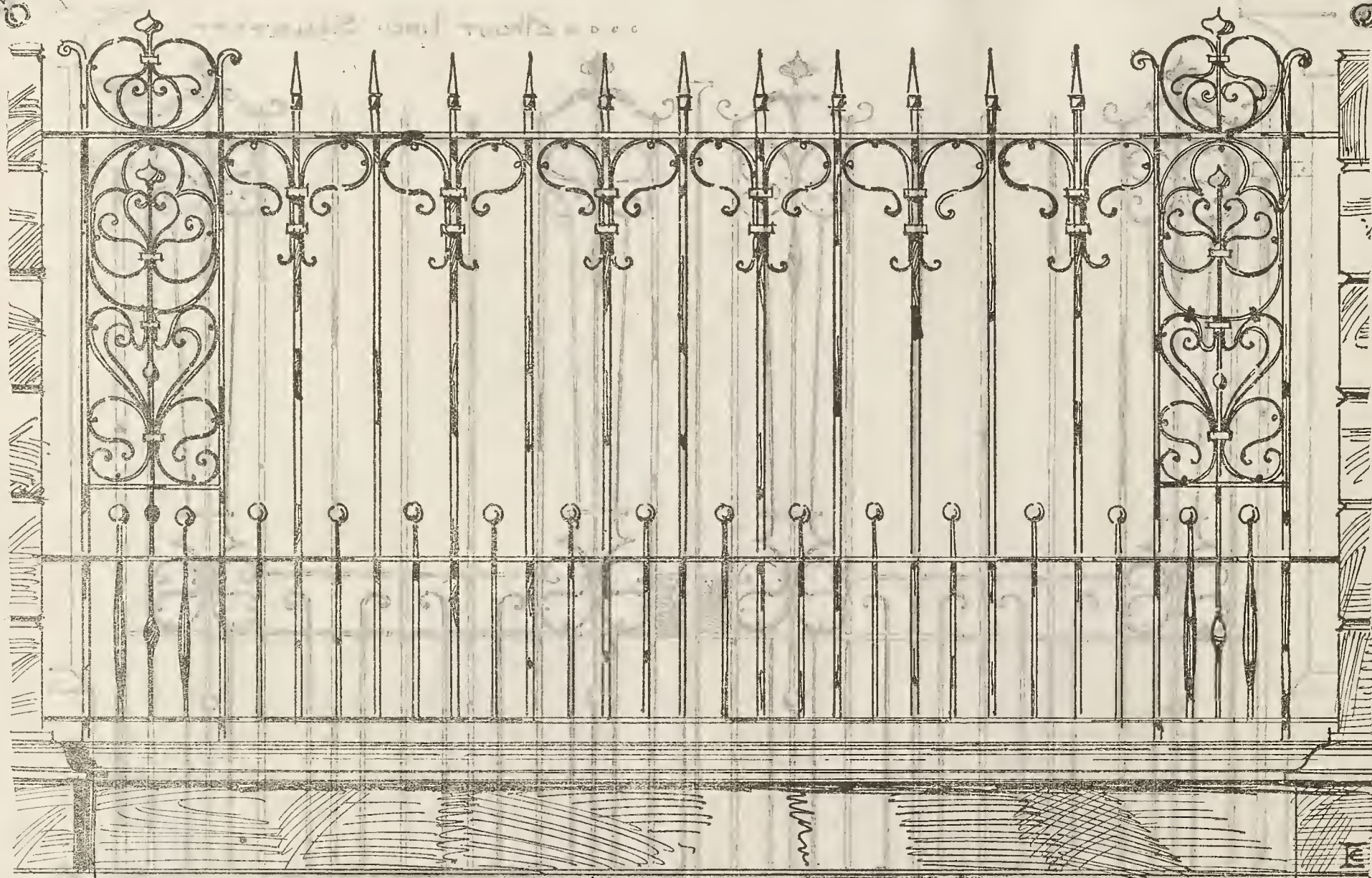


No 1075.

THE BOSTWICK GATE CO. LIMITED.



## ENTRANCE GATES:

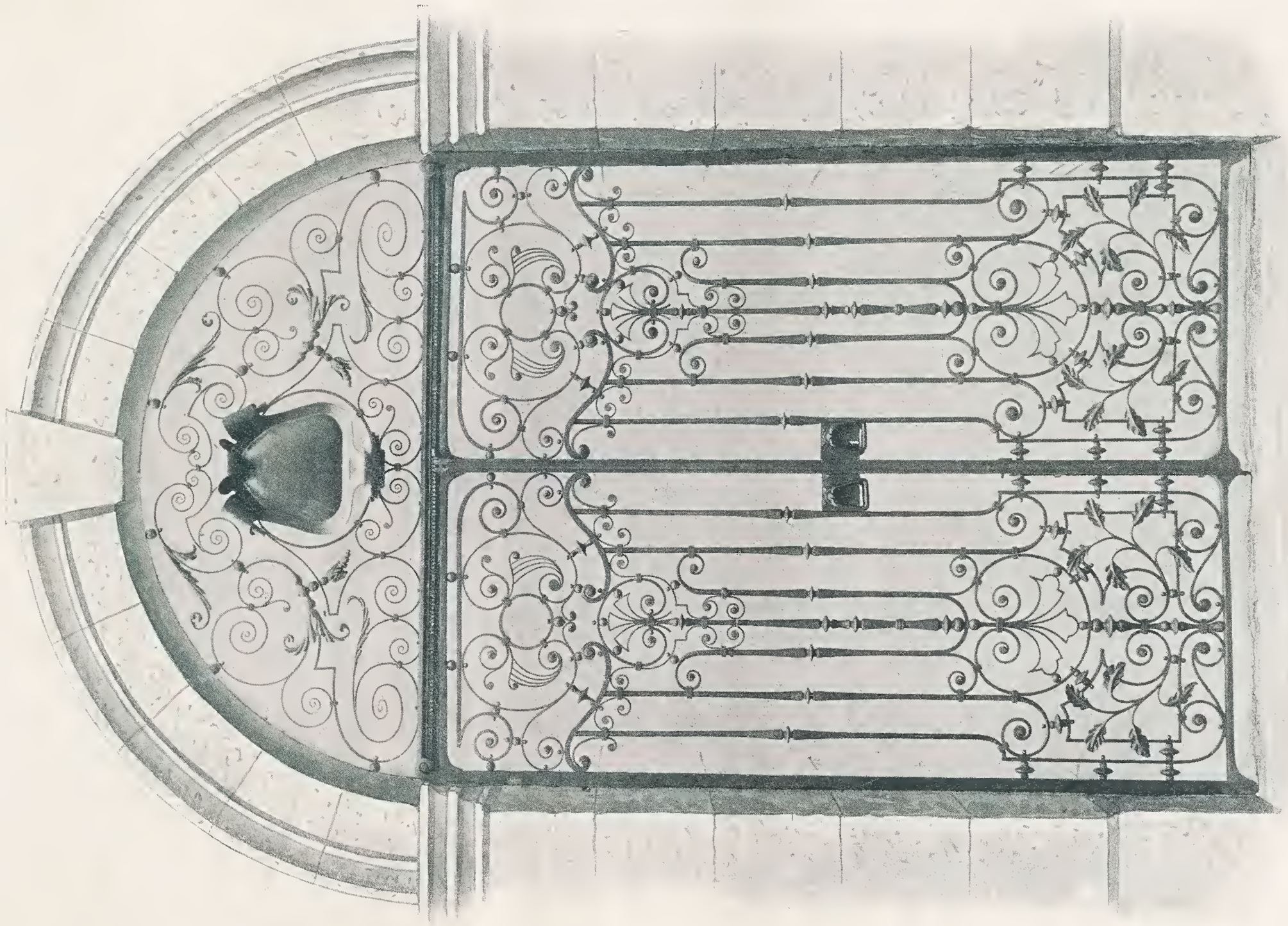


No 1076.

About, 1 inch Scale.

THE BOSTWICK GATE CO LIMITED.





WROUGHT GATE AND GRILLE.

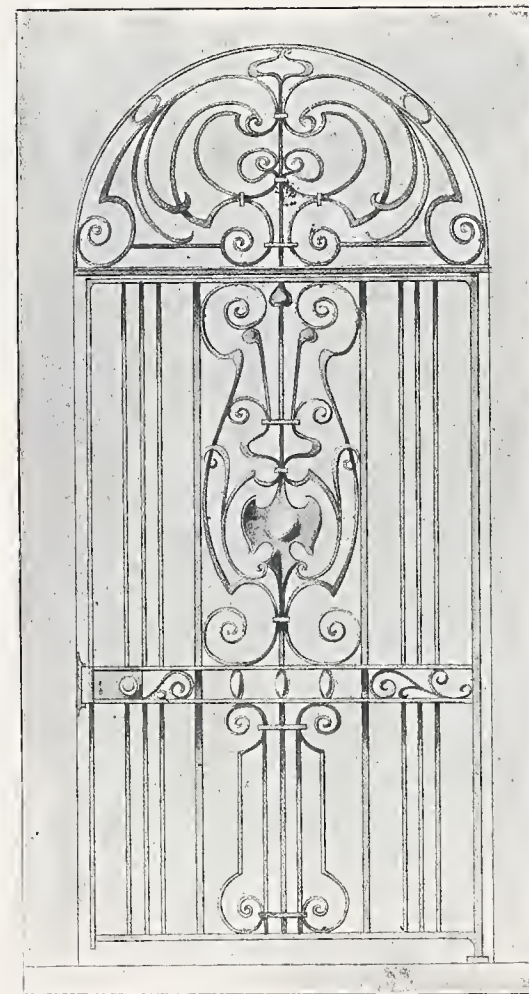








No. 1204.

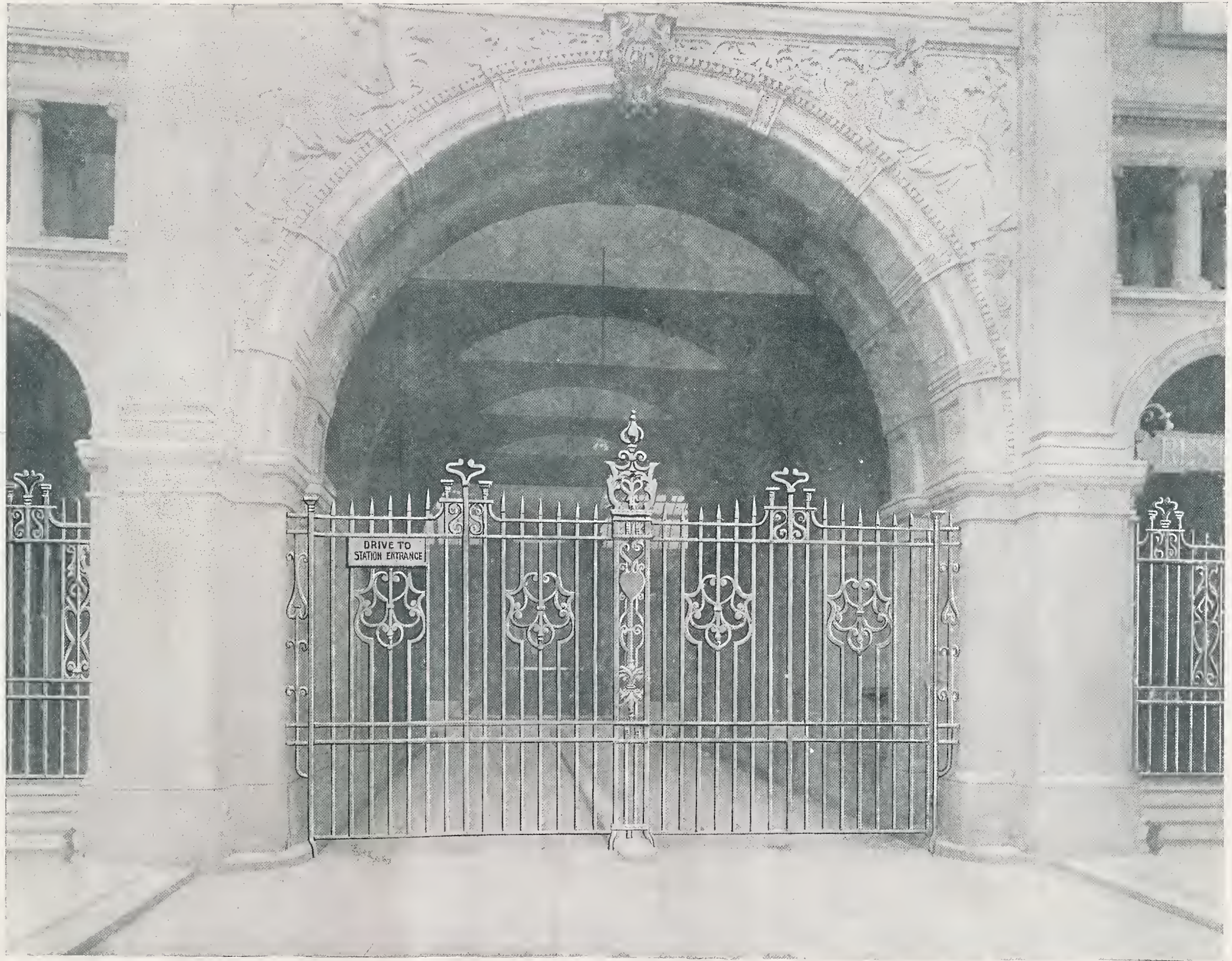


No. 1205.









WROUGHT ENTRANCE GATES, GREAT CENTRAL HOTEL, LONDON, N.W.









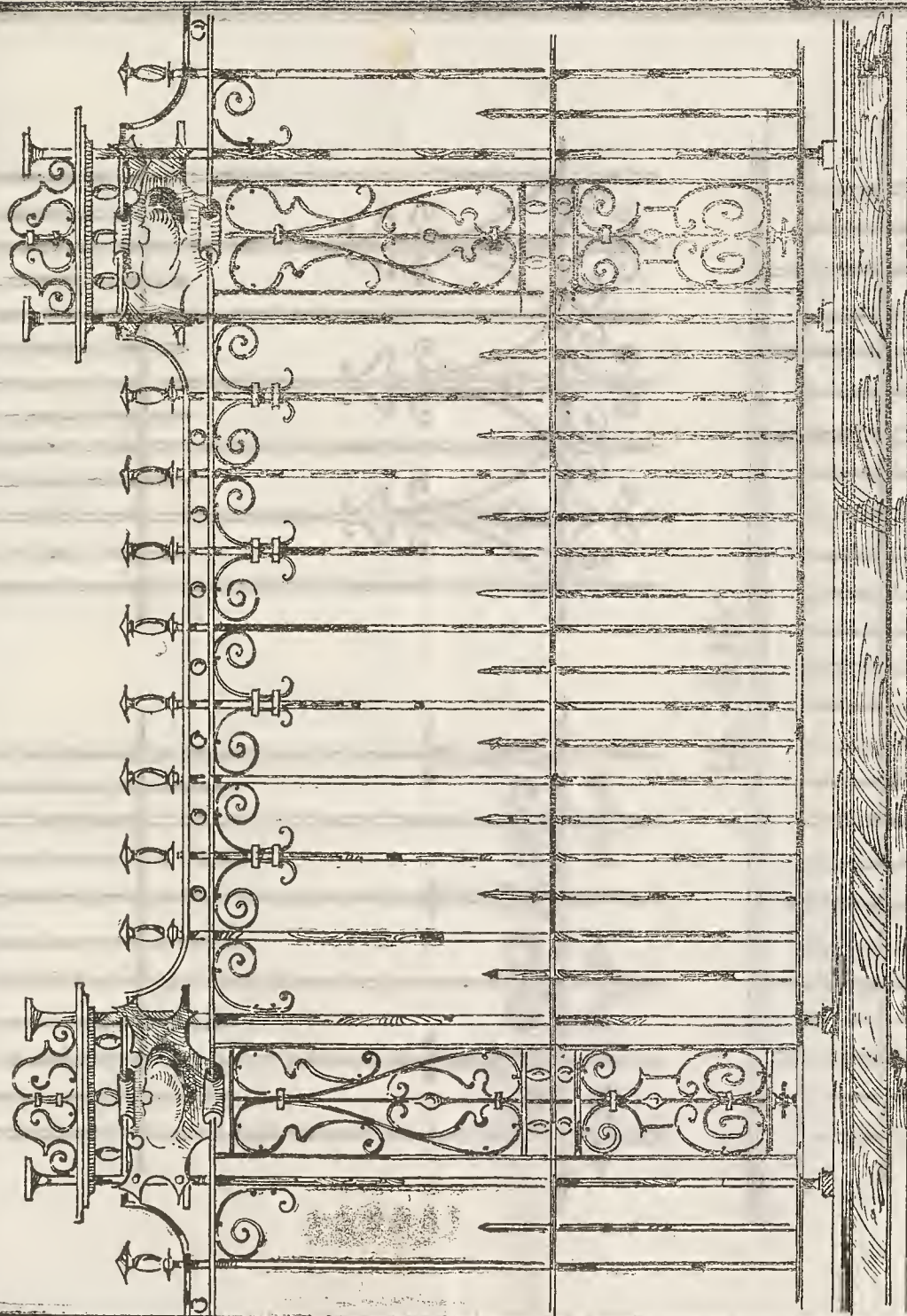
ASHER WERTHEIMER, Esq., 158, NEW BOND STREET, W.







# RAILINGS:



No. 1077.

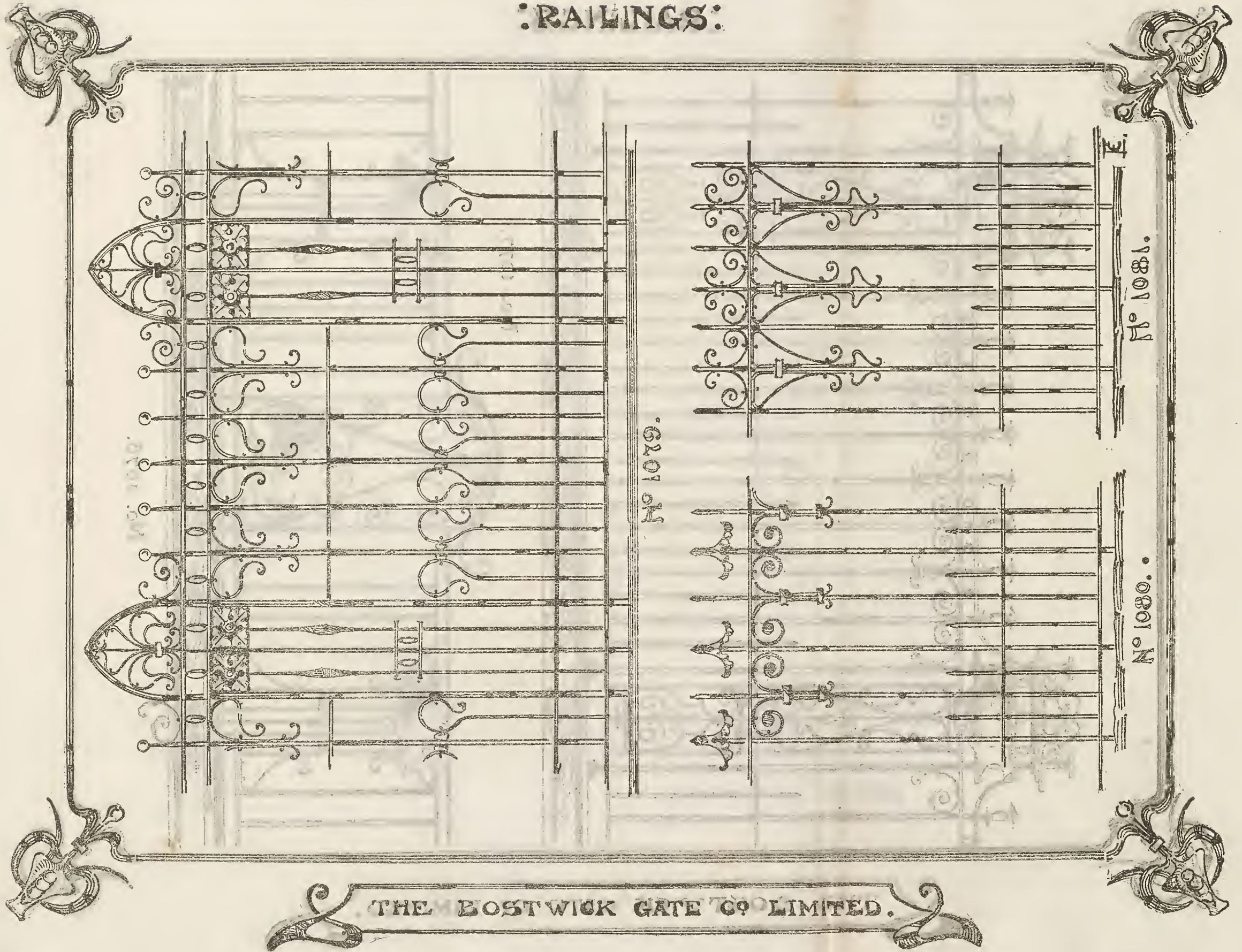


No. 1078.

THE BOSTWICK GATE CO LIMITED.



# :RAILINGS:





# RAILINGS:

Scale. 1" = 1'

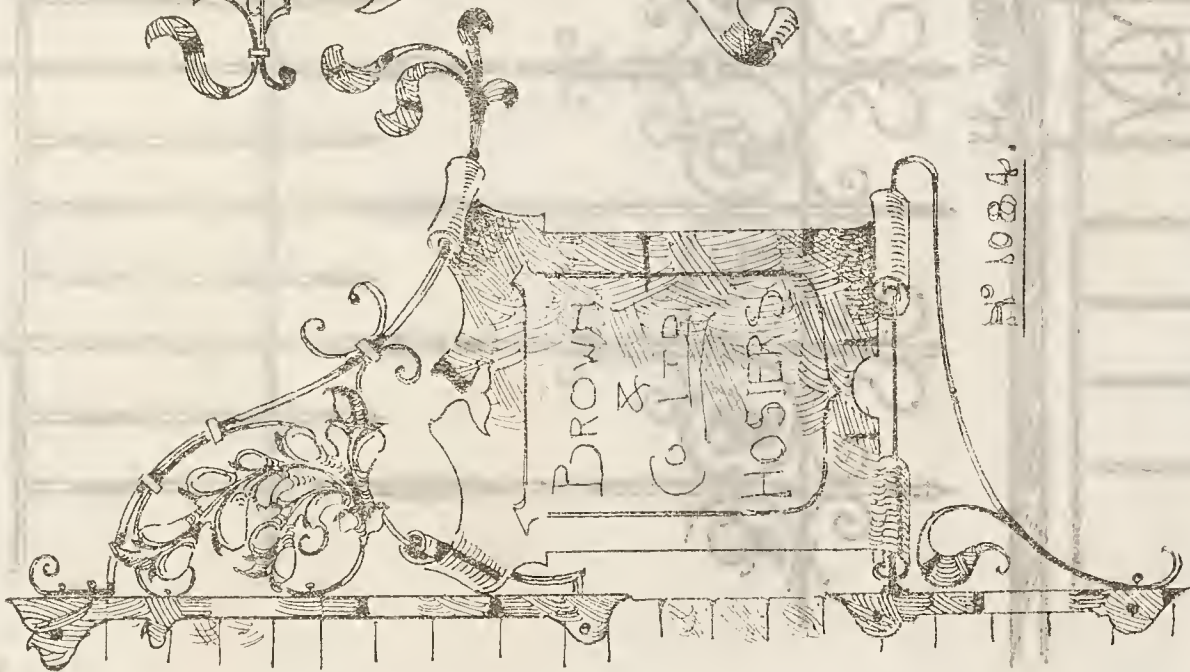
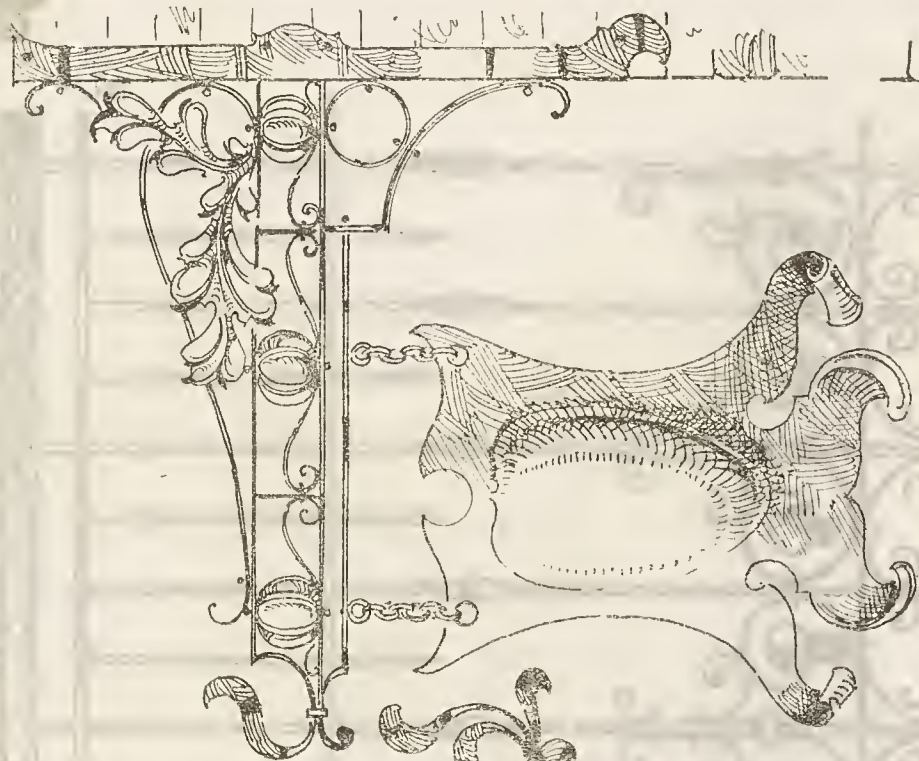
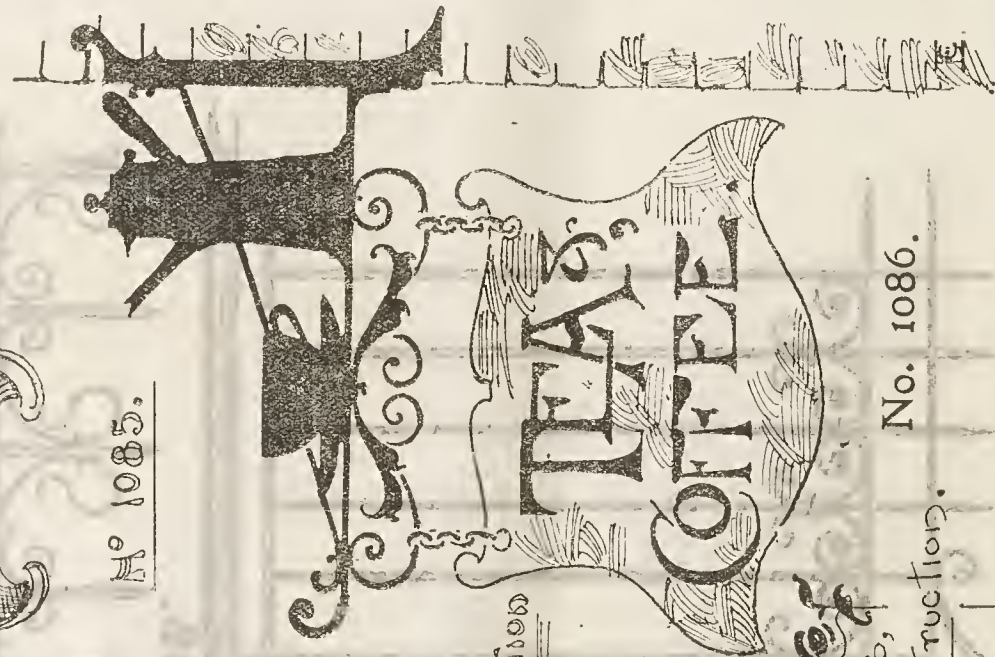
No 1082.

No 1083.

THE BOSTWICK GATE CO LIMITED.



## : SIGNS :

N<sup>o</sup> 1084.N<sup>o</sup> 1085.

No. 1086.

Special Designs,  
& Prices On Application

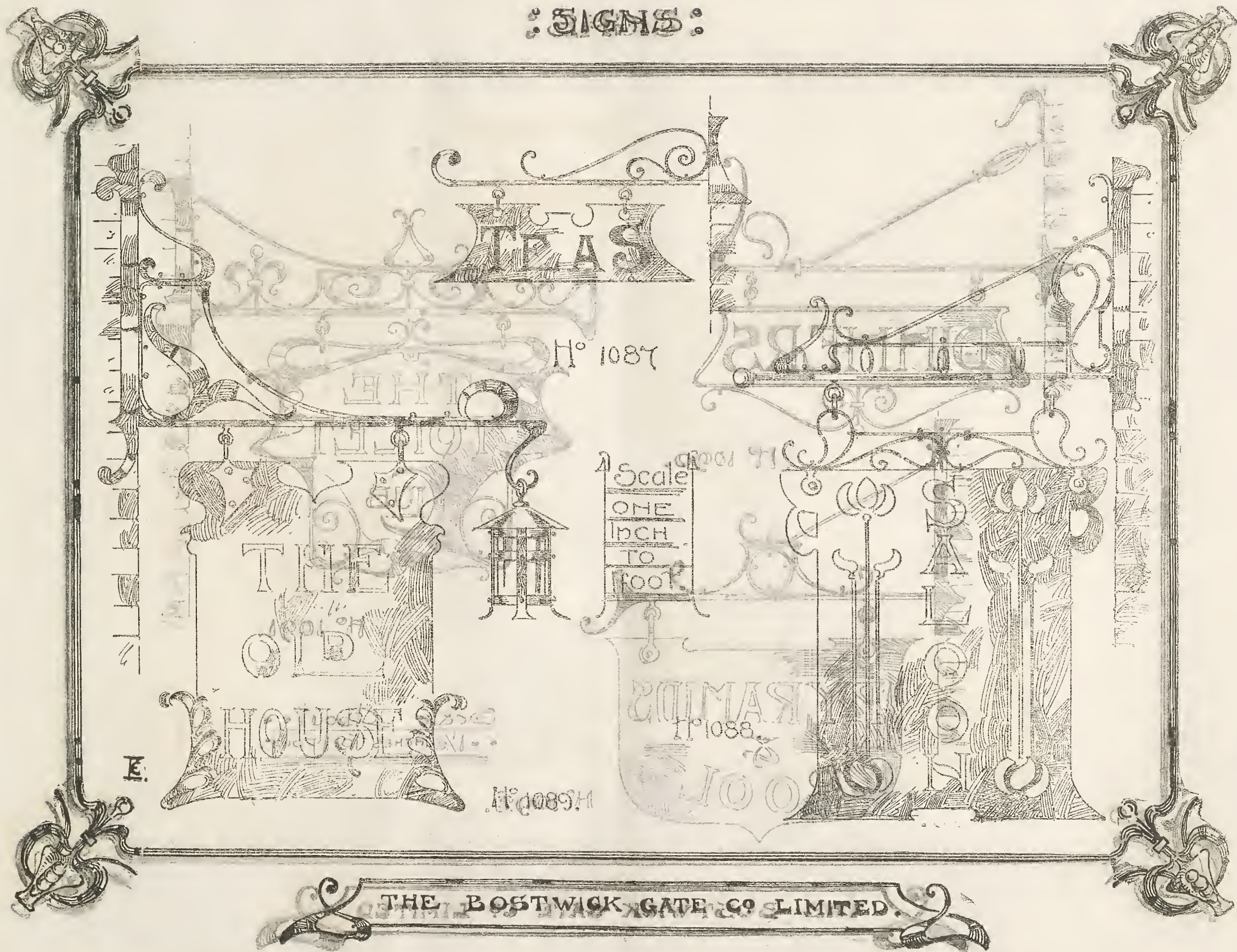
Artistic & Inexpensive.

Our Workshops are Quite *of*  
Free to Architects & Others,  
to inspect work during Construction.  
Apply to Head Office For  
Order to Visit Works.

THE BOSTWICK GATE CO. LIMITED.



: SIGNS :





## : SIGNS :



N° 1090.



N° 1092.



N° 1091.

Scale About..  
 • 1 1/2 INCHES TO 1 FOOT.

THE BOSTWICK GATE CO LIMITED.



## : SIGNS :

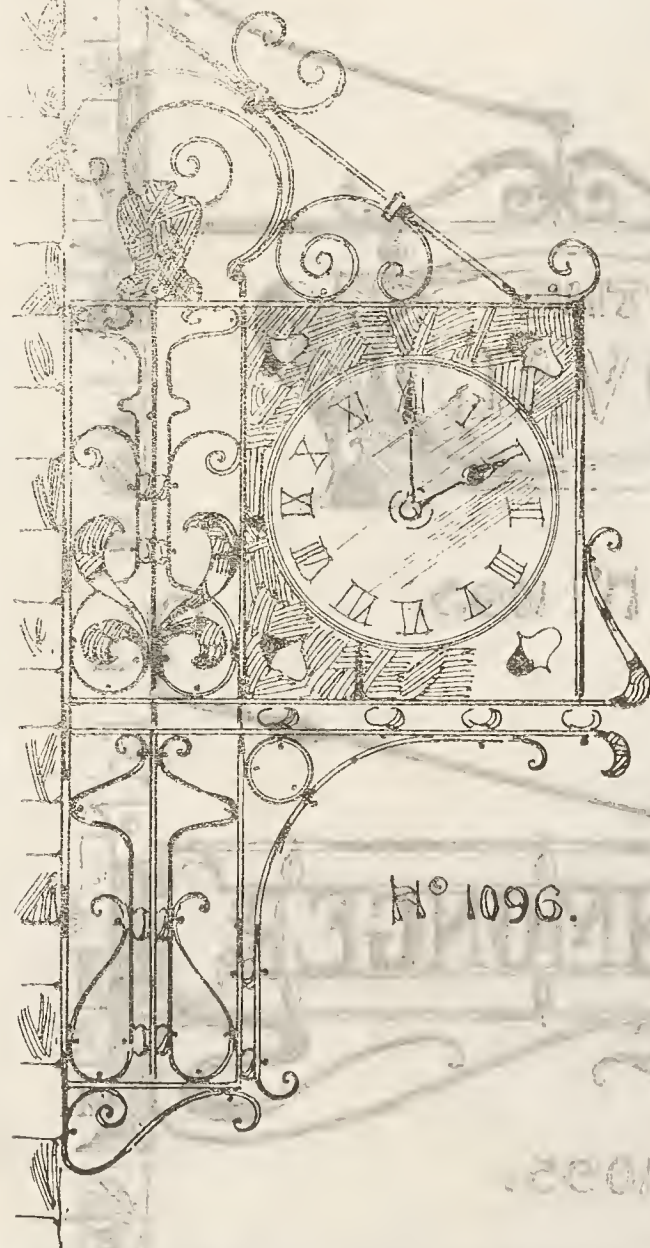


THE BOSTWICK GATE CO LIMITED.



# : SIGNS :

OTHER DESIGNS & ....  
 PRICES ON APPLICATION  
 TO THE COMPANY.....



N° 1096.



N° 1097.

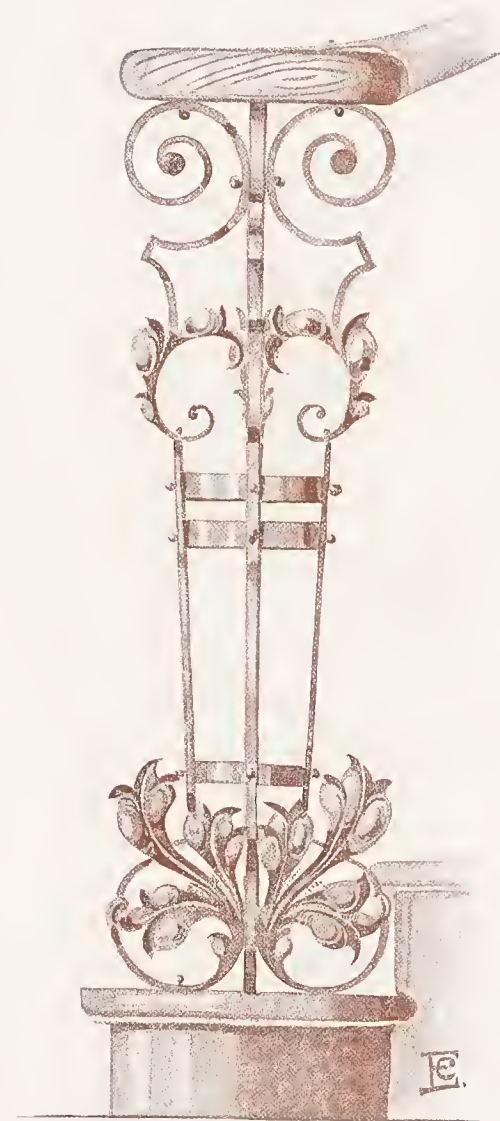
THE BOSTWICK GATE CO. LIMITED.





No. 1208

OTHER DESIGNS ON APPLICATION.



No. 1209.

FIXED AT 9, PALL MALL.









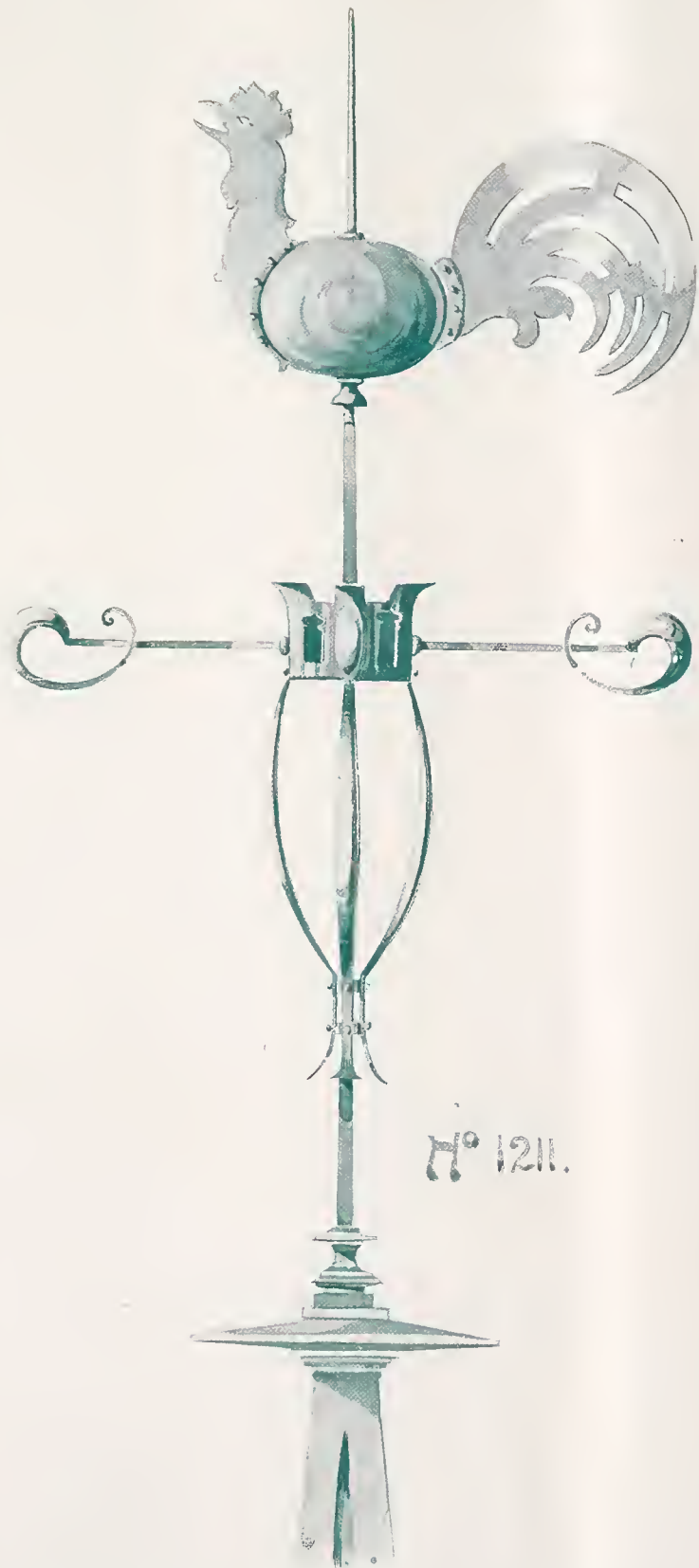
No. 1210.

VICTORIA TAVERN, CANNING TOWN.

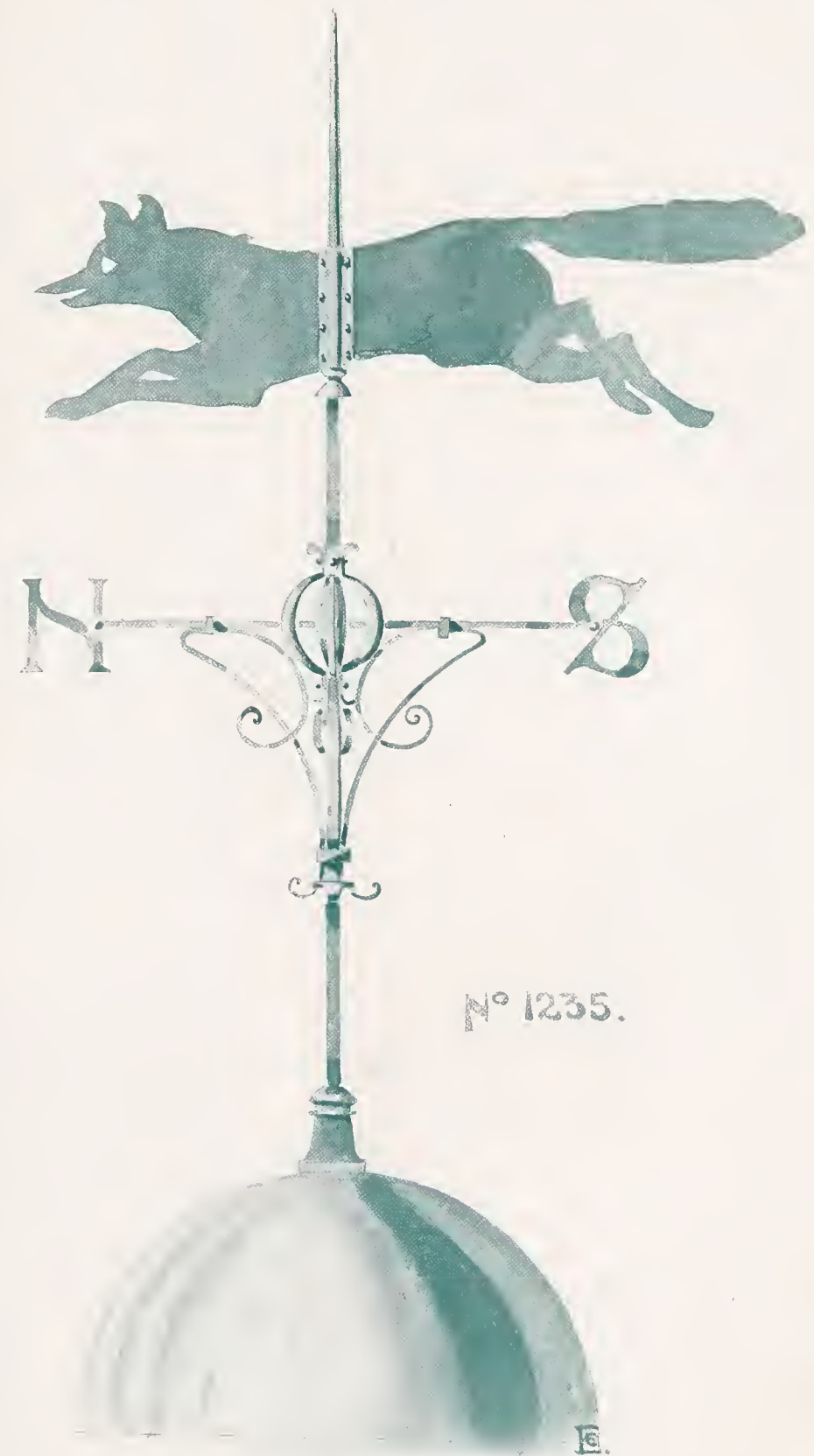








BRITFORD CHURCH, SALISBURY.



"THE FOX," PALMERS GREEN.









No. 1212.

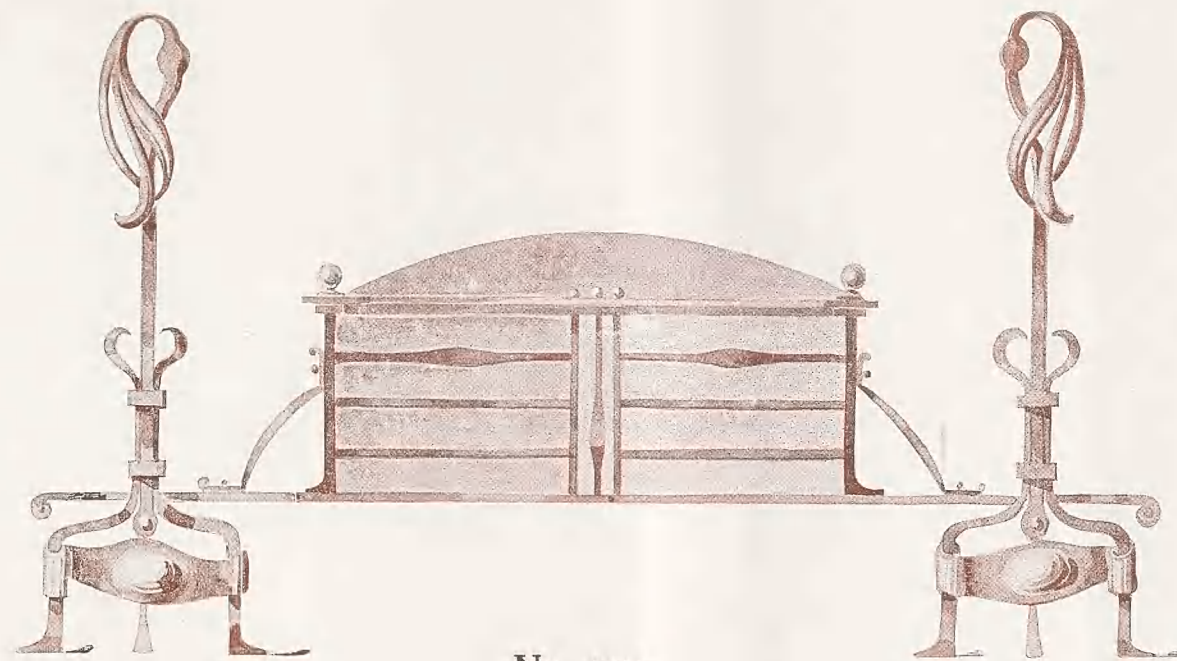
No. 1213.

AS EXHIBITED AT ARTS AND CRAFTS EXHIBITION.



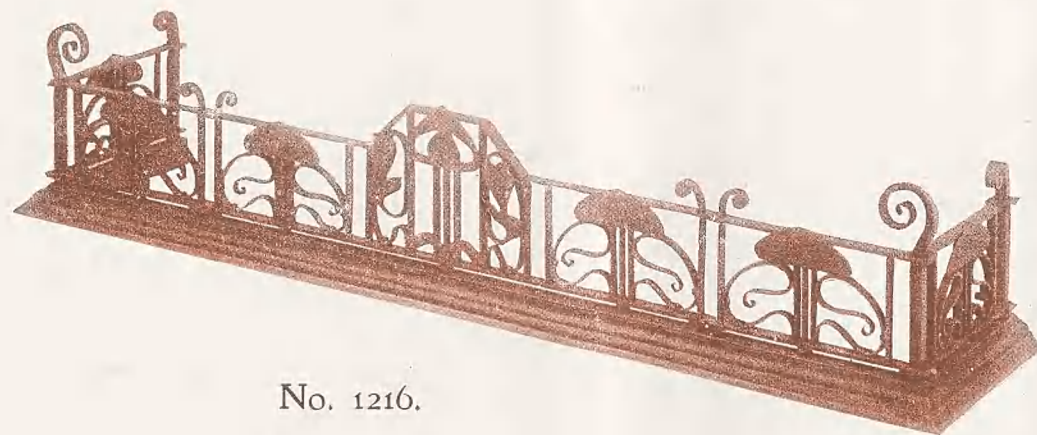






No. 1214.

1214



No. 1216.



No. 1215.

1215

OTHER DESIGNS AND PRICES ON APPLICATION.

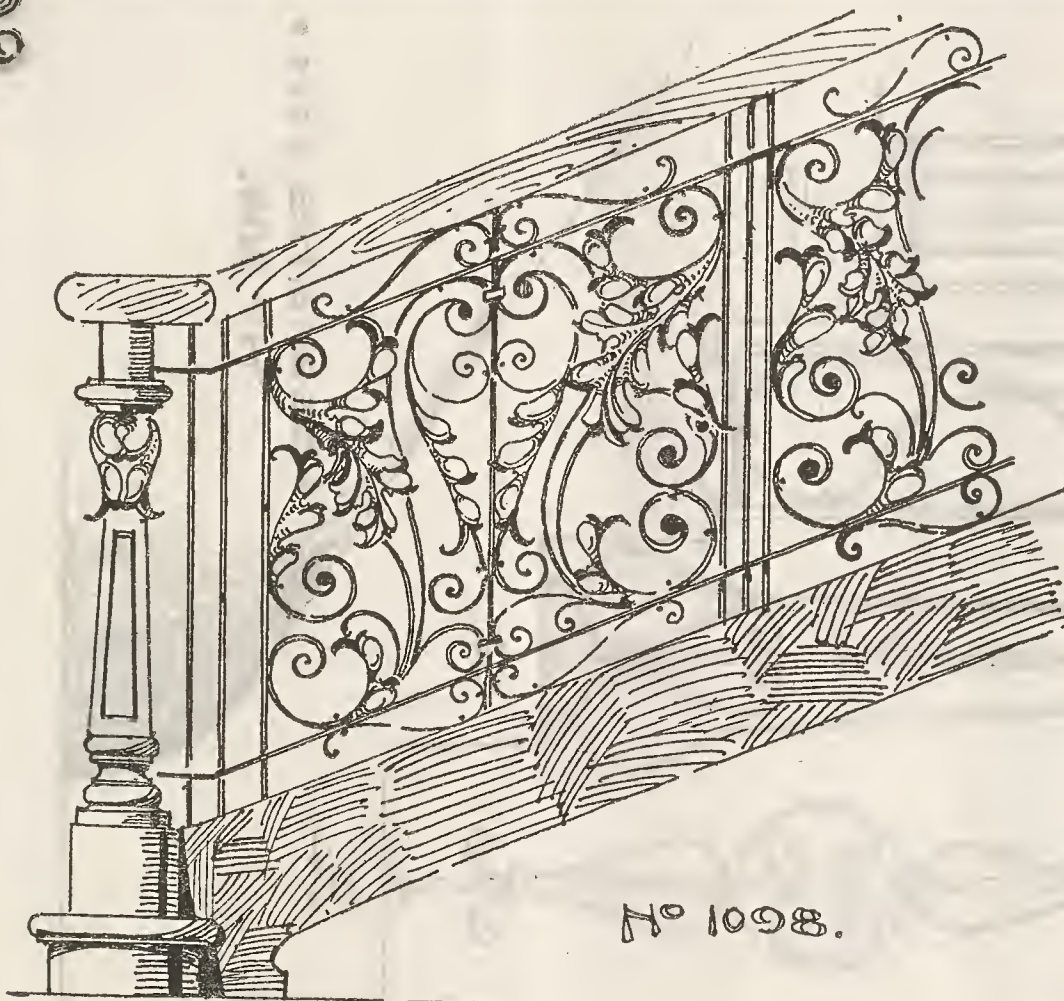






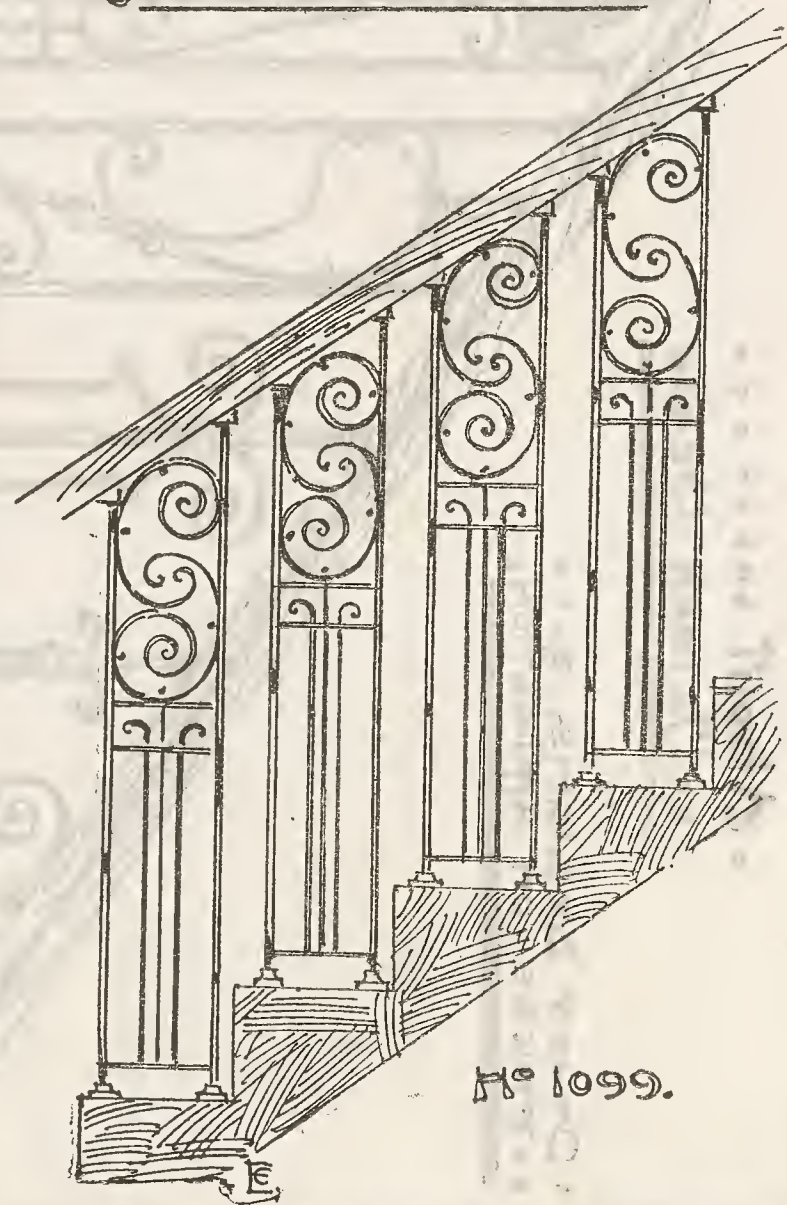
## BALUSTERS:

Scale . . . About . . .  
 . . . 1 INCH TO 1 FOOT . . .



No 1098.

IRONWORK DESIGNED TO  
 SUIT ANY STYLE OF  
 ARCHITECTURE.



No 1099.

THE BOSTWICK GATE CO LIMITED.



## BALUSTERS:

• About .....  
 • 1 1/2 inch Scale

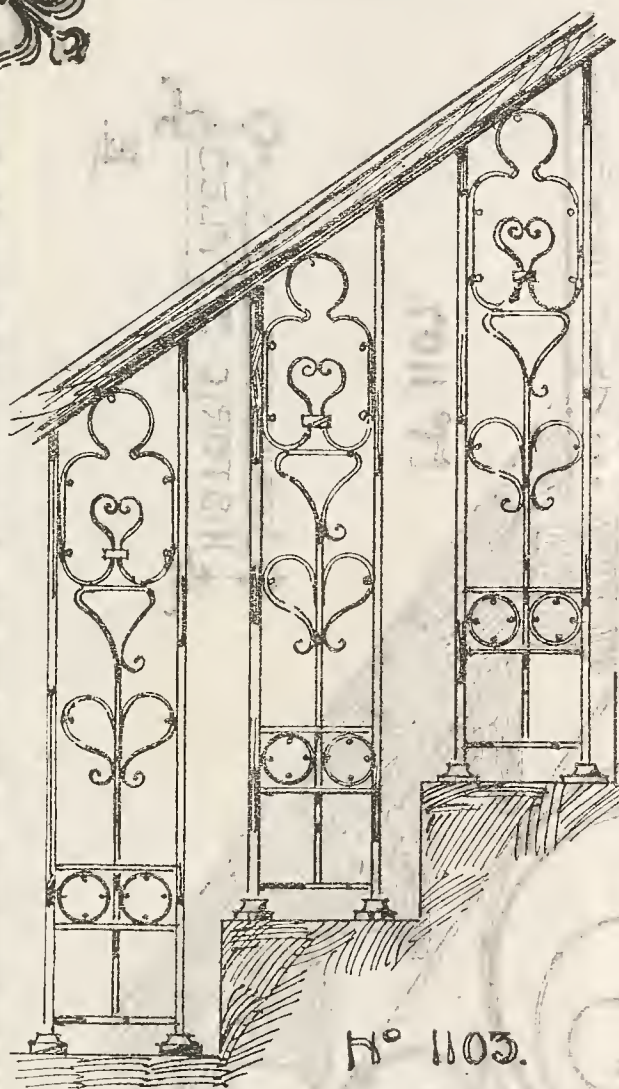
• OTHER DESIGNS & ..  
 • PRICES ON APPLICATION.

• DESIGNS .....  
 • NO. 100.

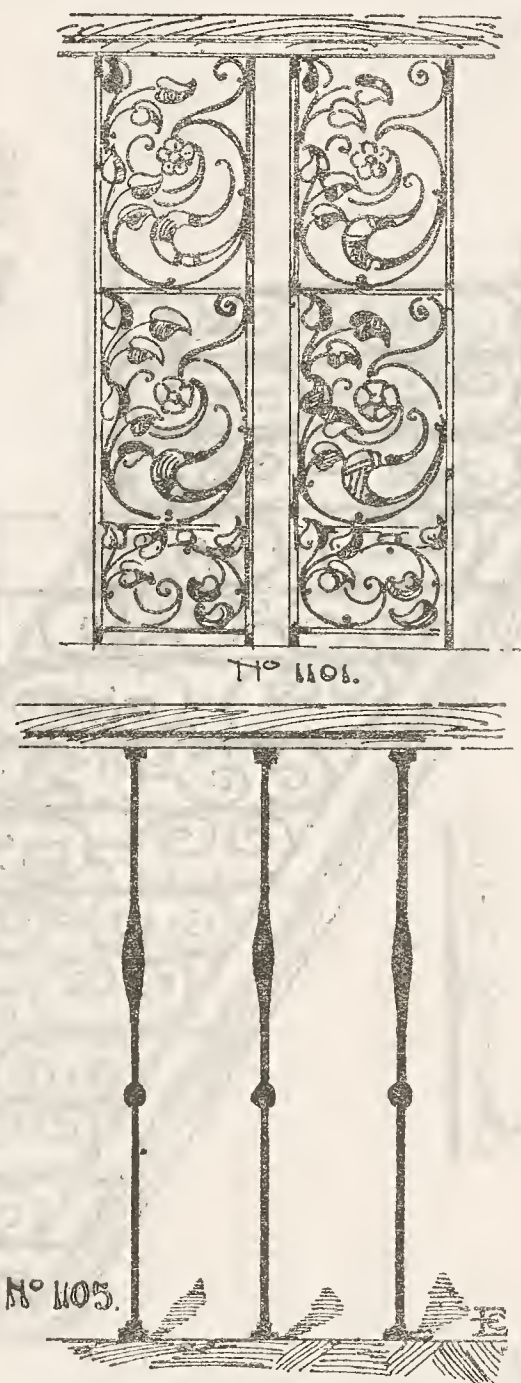
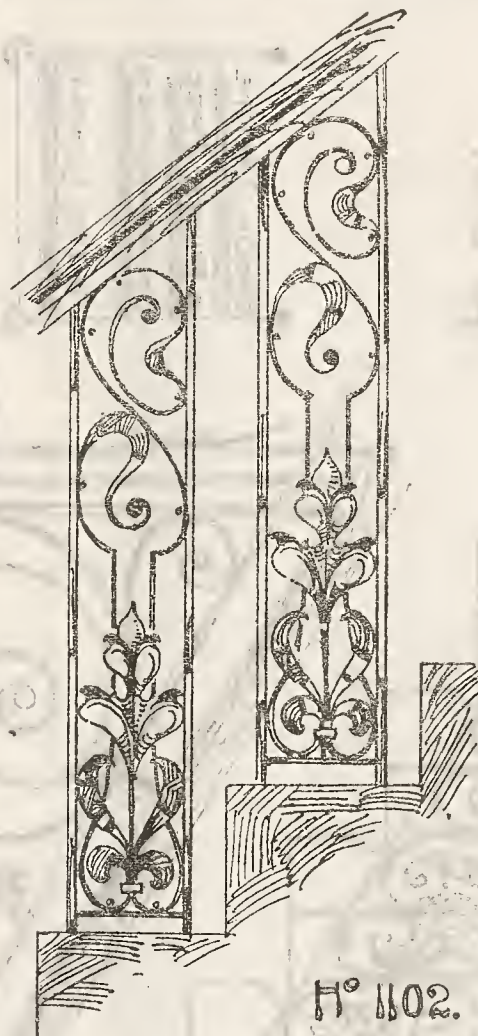
THE BOSTWICK GATE CO. LIMITED.



## BALUSTERS:



SCALE...  
1 1/2 INCHES  
TO ONE  
FOOT...



OTHER DESIGNS &

• PRICES ON •••••

• APPLICATION ••••• N° 1104.

THE BOSTWICK GATE CO LIMITED.



## BALUSTERS.

ABOUT  $\frac{3}{4}$ " SCALE.

Nº 1106.

SPECIAL DESIGNS  
AT PRICES FREE  
ON APPLICATION  
TO THE COMPANY

ABOUT 1 INCH SCALE.

Nº 1107.

DESIGNERS IN  
HISTORIC STYLES

E.

THE BOSTWICK GATE CO LIMITED.



No. 1217.



ARMOUR BRIGHT OR COPPER AND ENAMELS.

No. 1218.

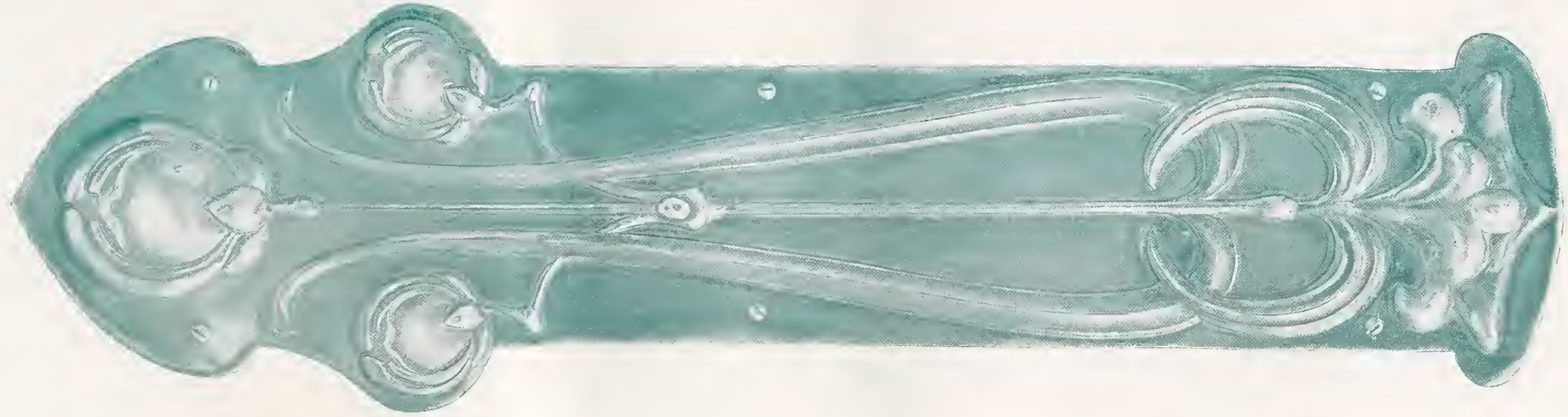


COPPER AND ENAMELS.









No. 1219b.



No. 1219.









No. 1220.



No. 1224.



No. 1221.



No. 1222.



No. 1223.







## BALUSTERS:



SCALE  
About 1 inch

No 1108.



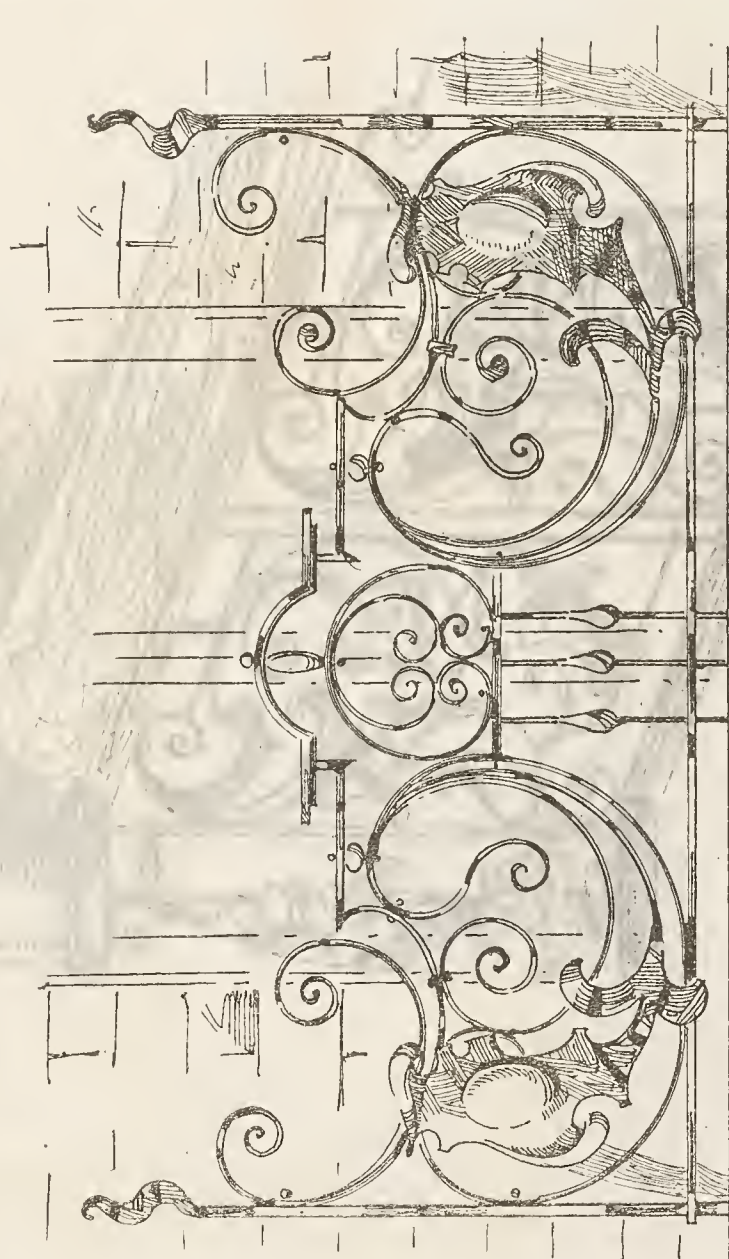
No 1109.

THE BOSTWICK GATE CO LIMITED.



:PORCHES:

Scale About.  
1000 INCH=1-0'000.



No 113.



No 114.

THE BOSTWICK GATE CO LIMITED.

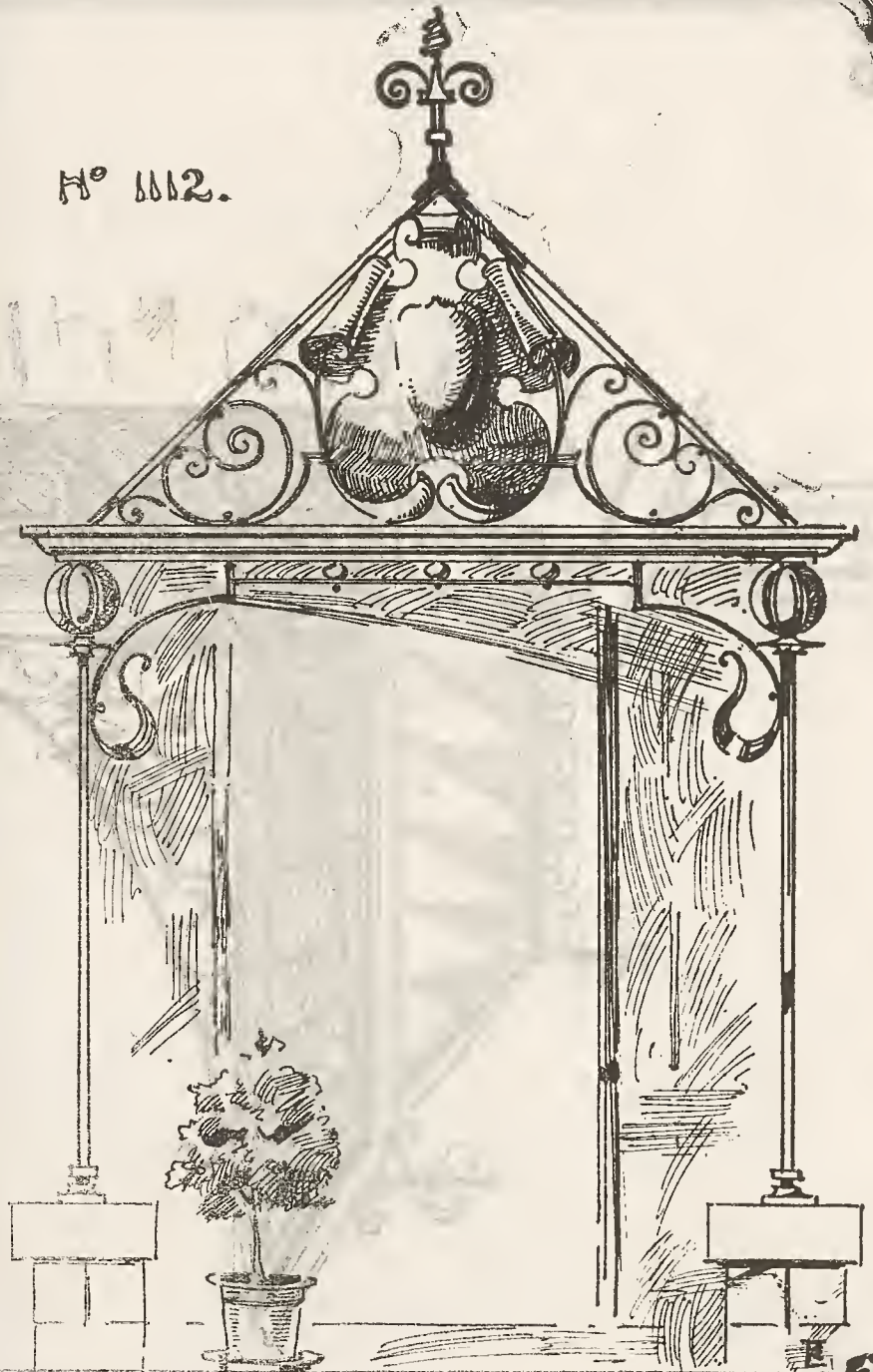


## :VERANDAHS:

No 1112.



Side.

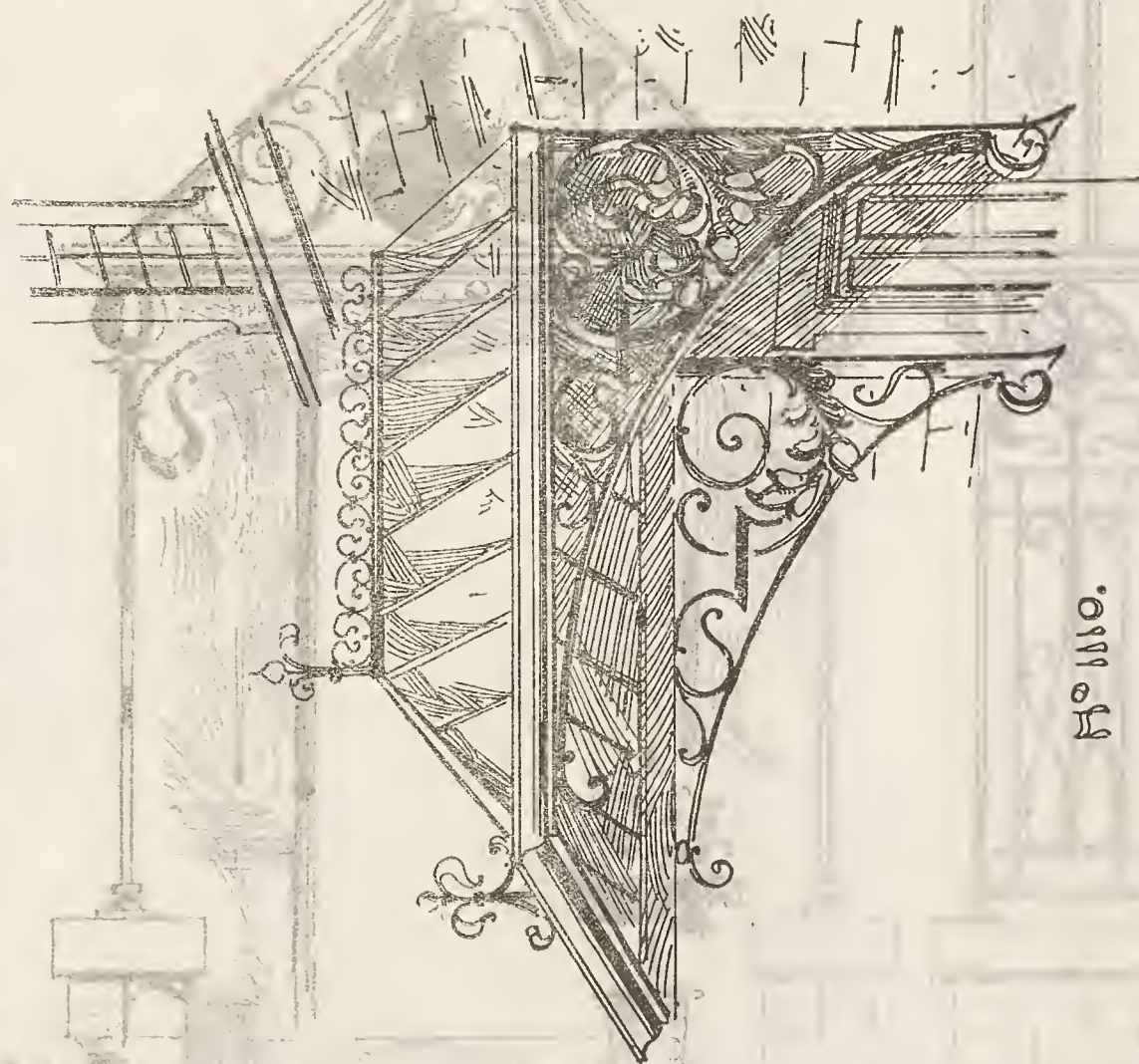


Front.

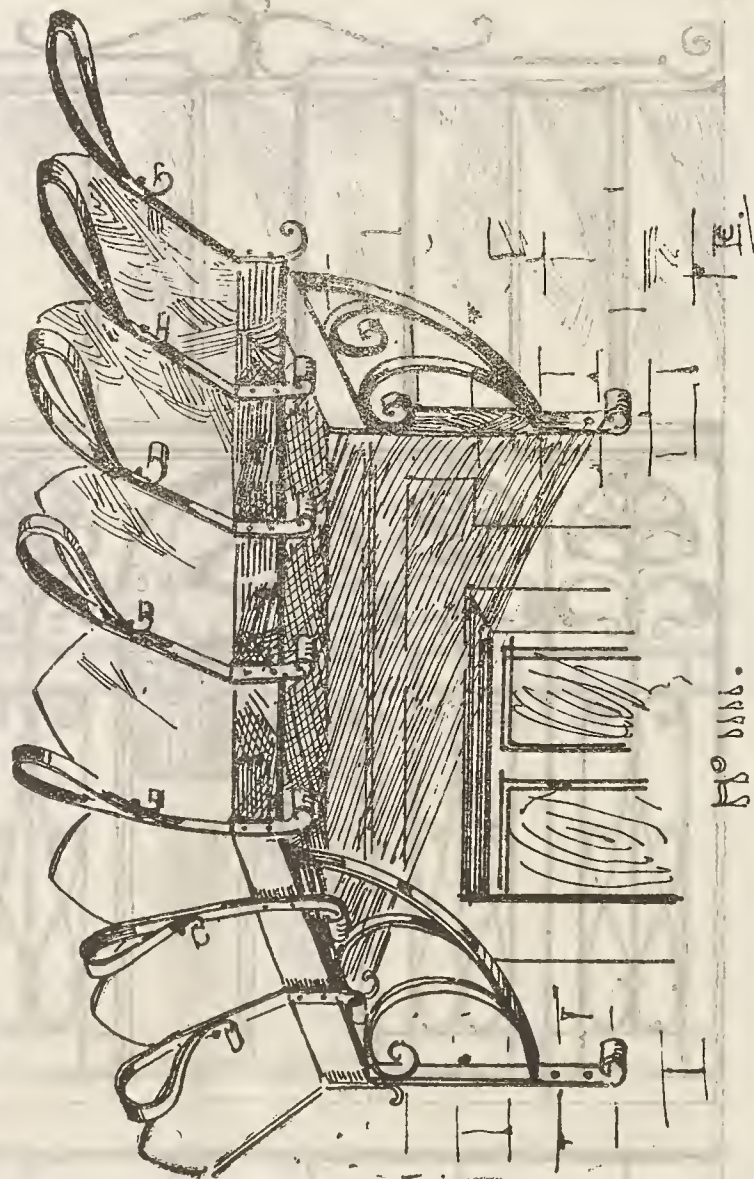
THE BOSTWICK GATE CO LIMITED.



# BALCONETTES:



No. 1110.



No. 1111.

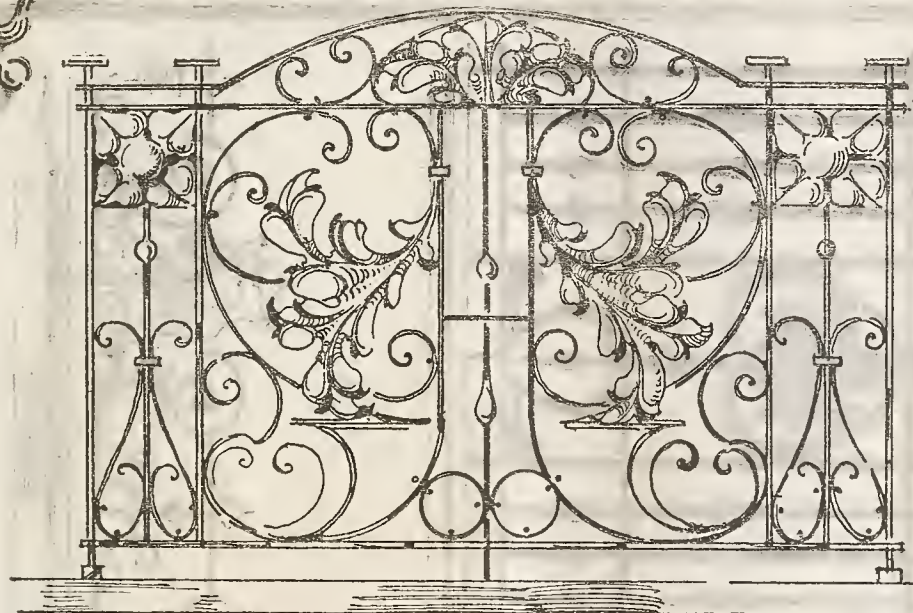
Front.

Side.

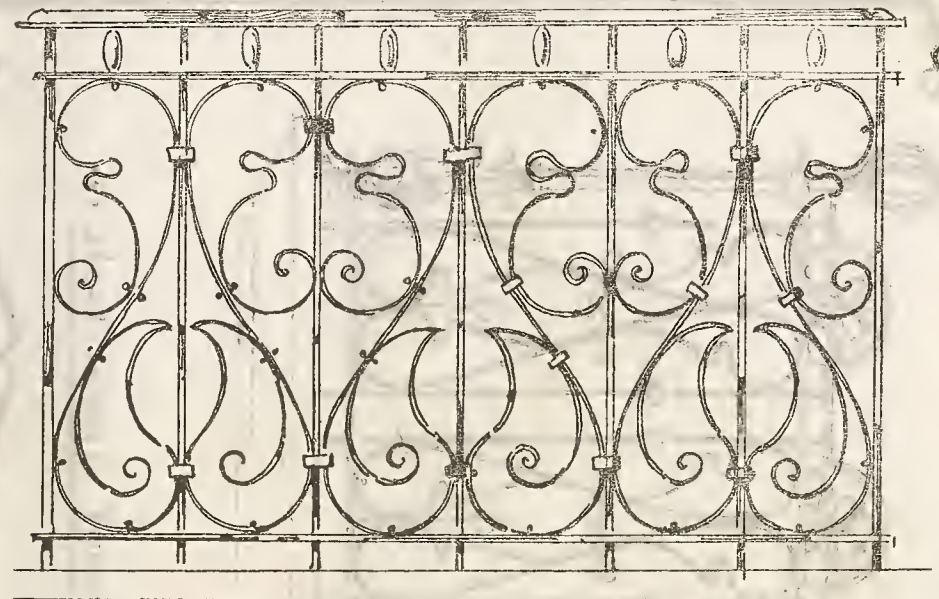
THE BOSTWICK GATE CO LIMITED.



# : BALCONETTES :



No 1115.

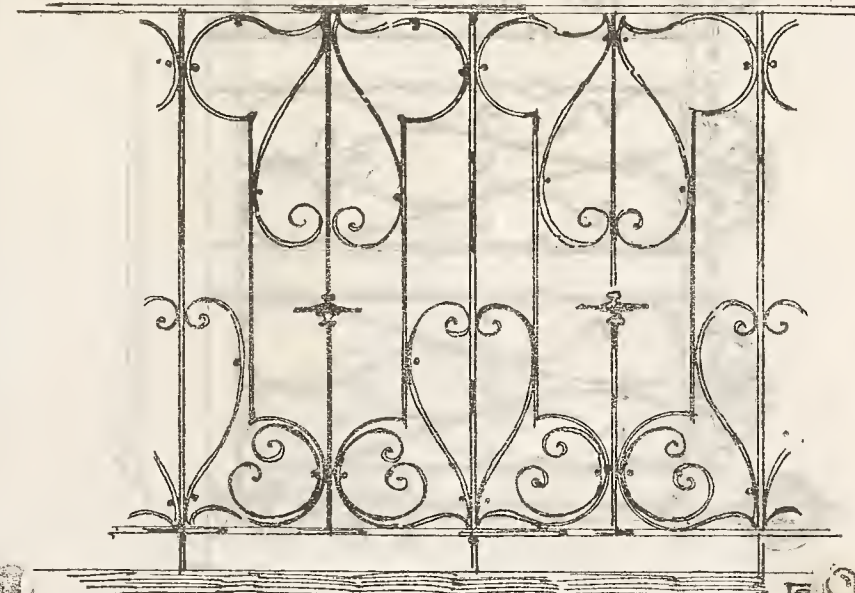


No 1116.

... About 1 inch Scale ...



No 1117.

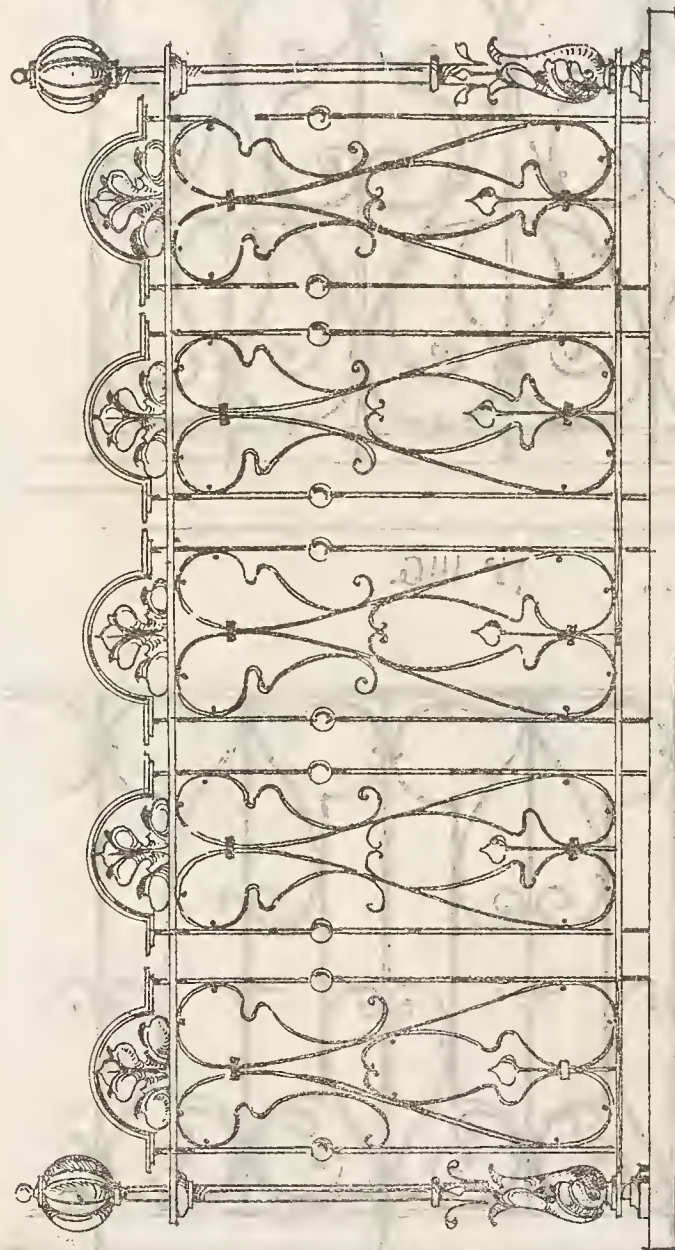


No 1118.

THE BOSTWICK GATE CO LIMITED.



# : BALCONETTES :

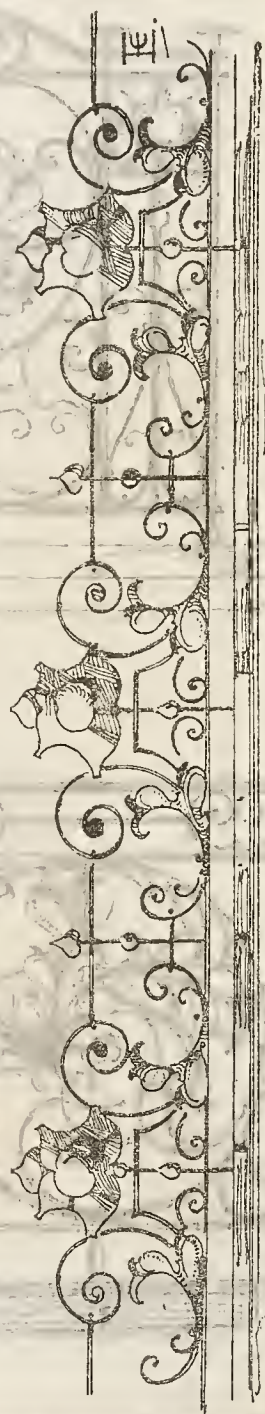


N° 119.

... About 1 inch Scale...



N° 120.



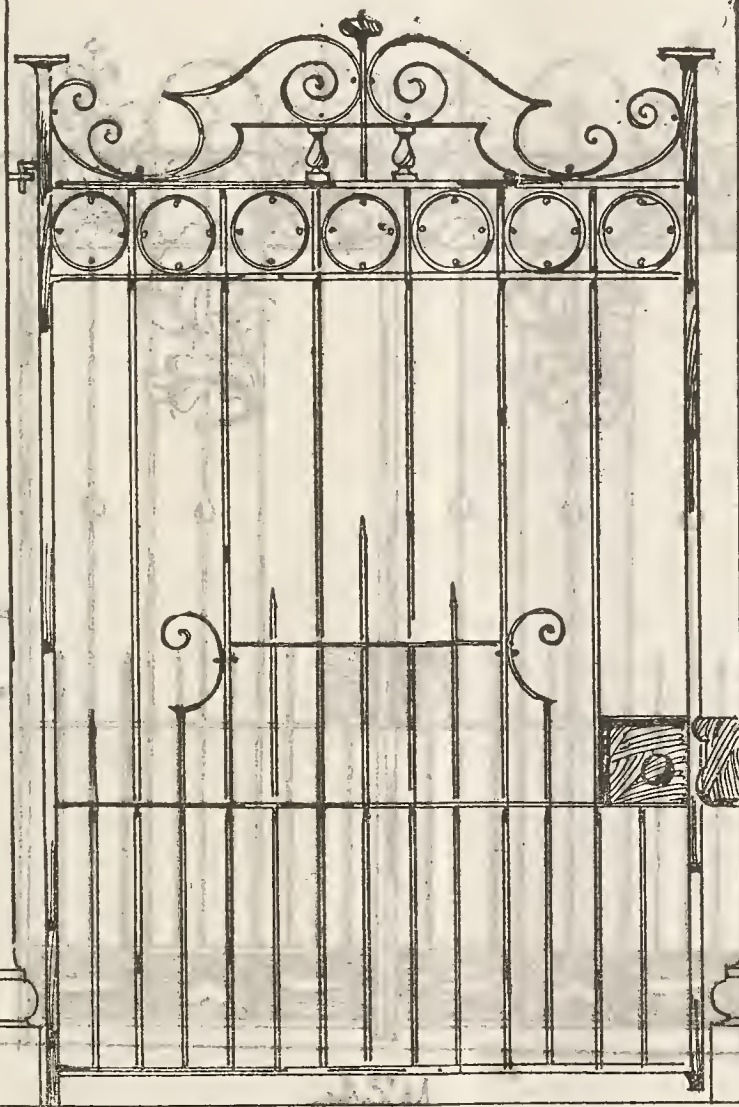
N° 120A

THE BOSTWICK GATE CO LIMITED.

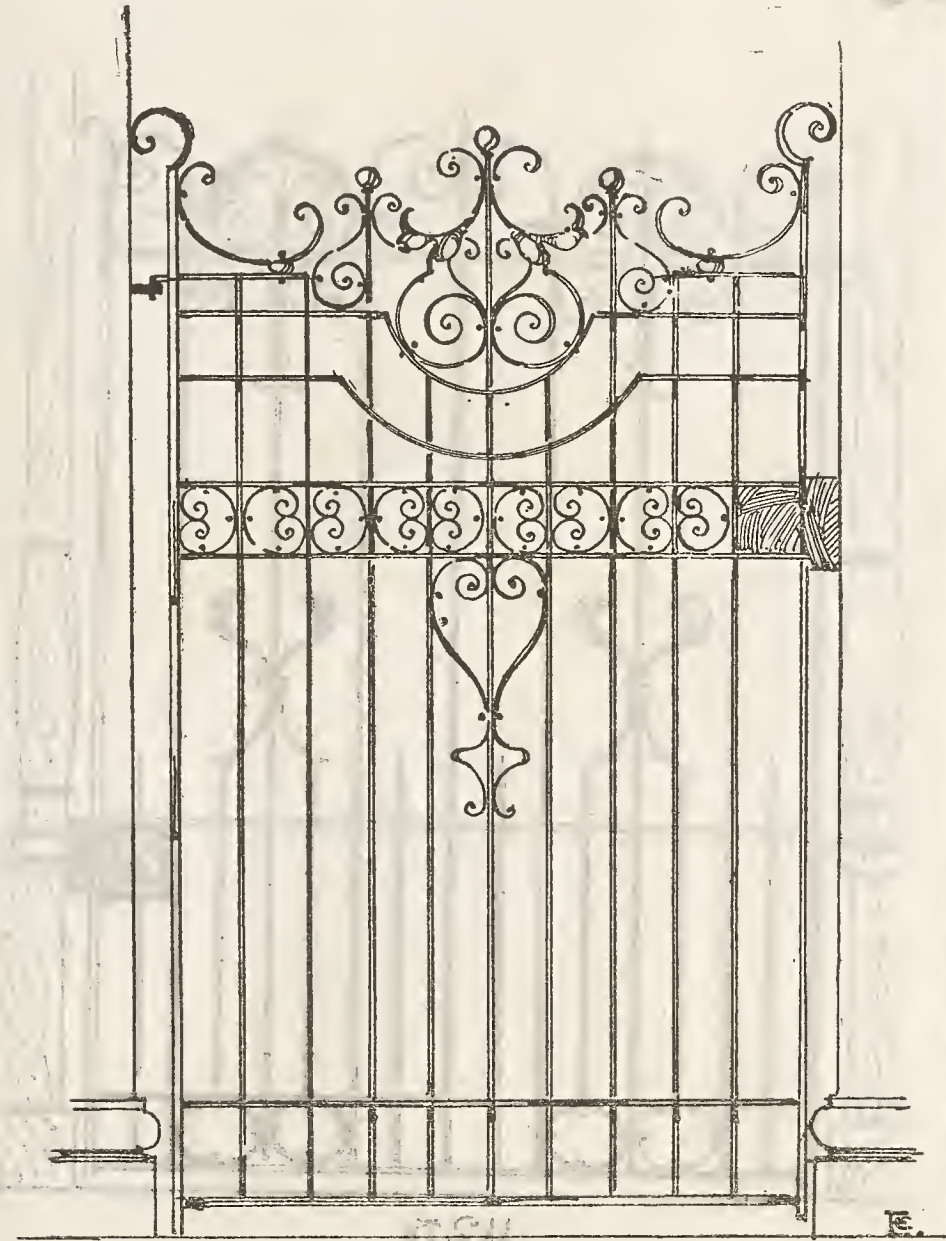


# LIFT AWAY GATES:

DESIGNERS & CRAFTSMEN  
IN HISTORIC STYLES



1121.



1122.

THE BOSTWICK GATE CO. LIMITED.

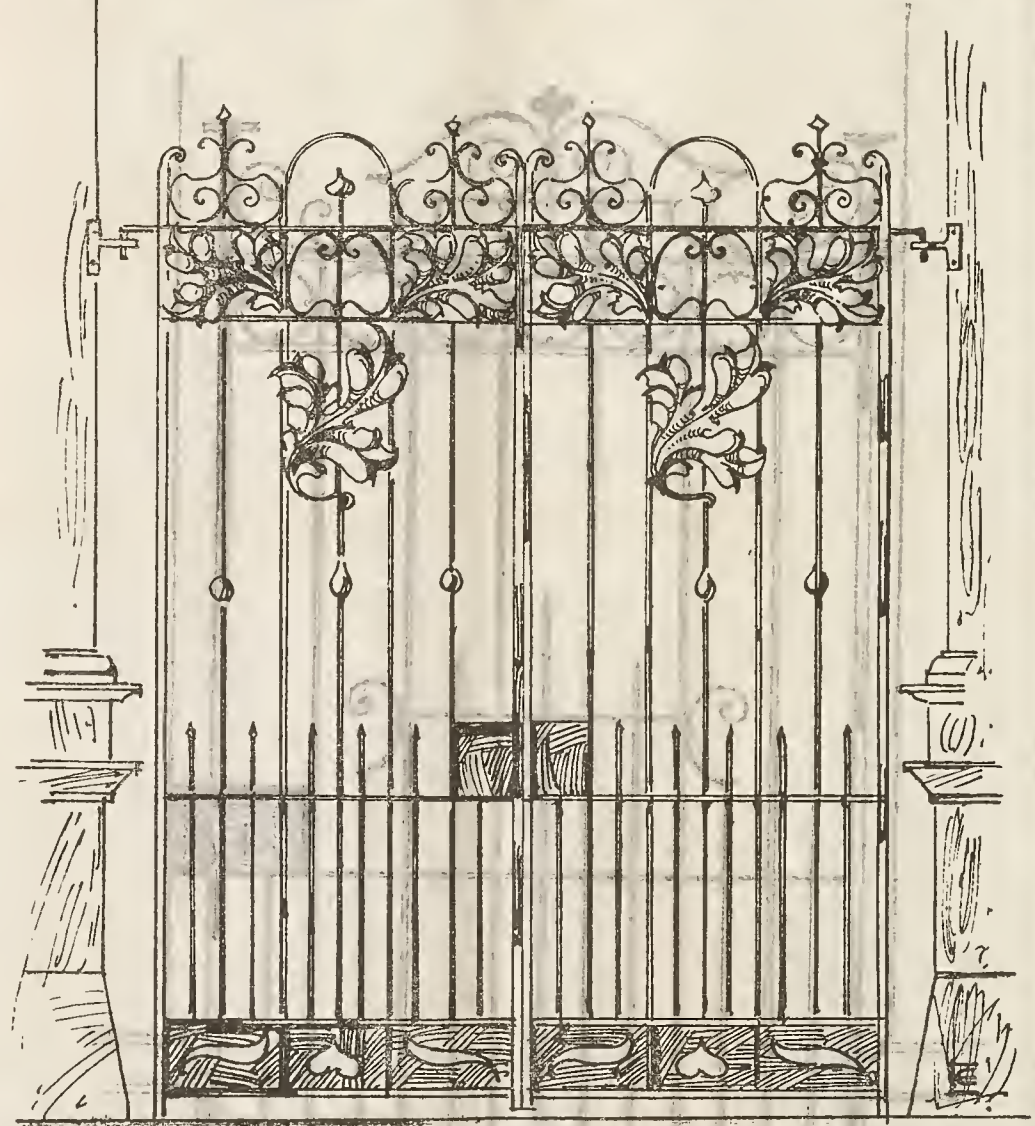


## LIFT AWAY GATES:

DESIGNED BY  
H. H. STILES



1123.

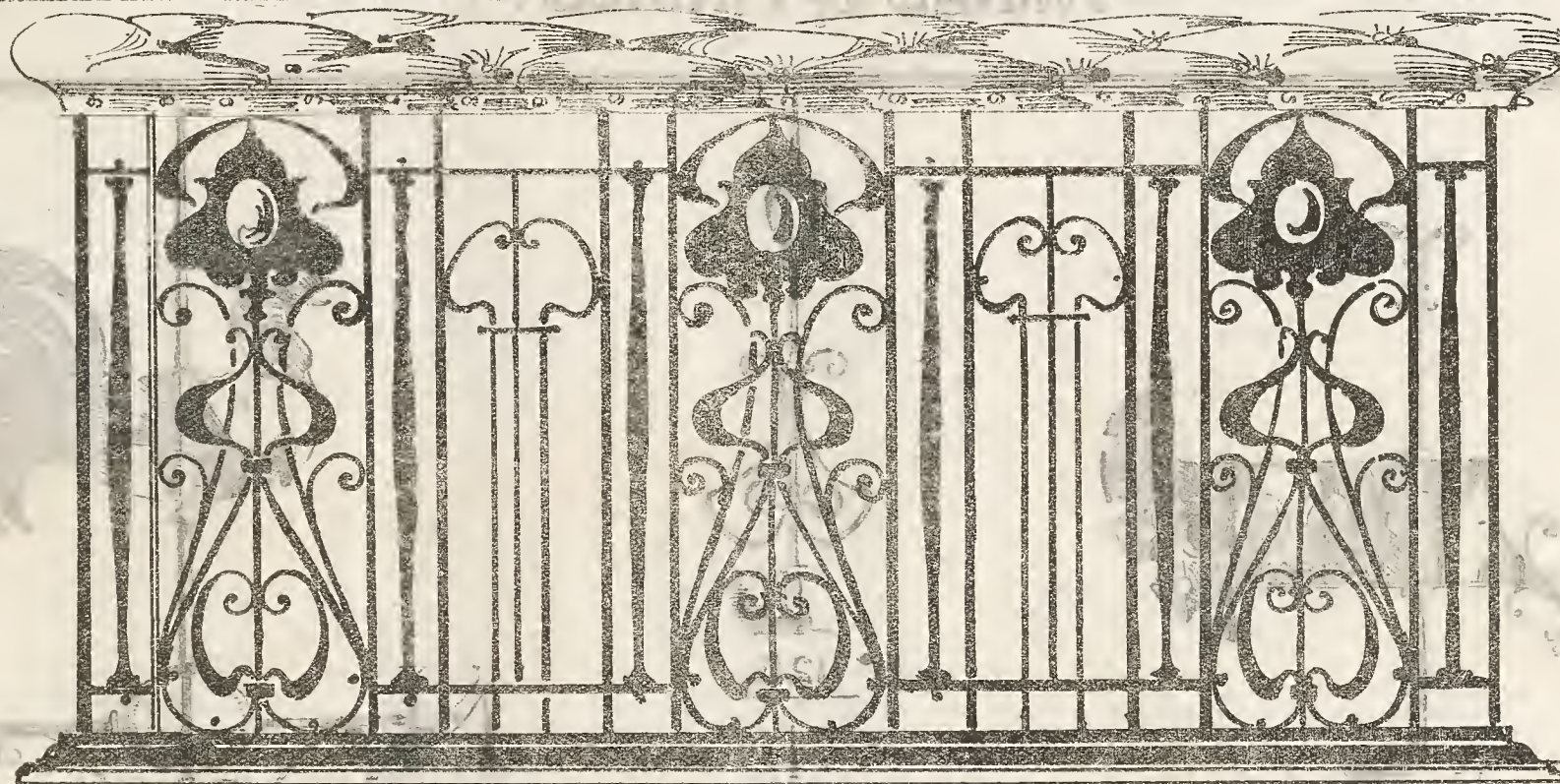


1124.

THE BOSTWICK GATE CO LIMITED.



## LOUNGE CURBS:



N° 1132.

Cheaper Designs  
• & PRICES •  
on Application.  
~~~~~

N° 1133.

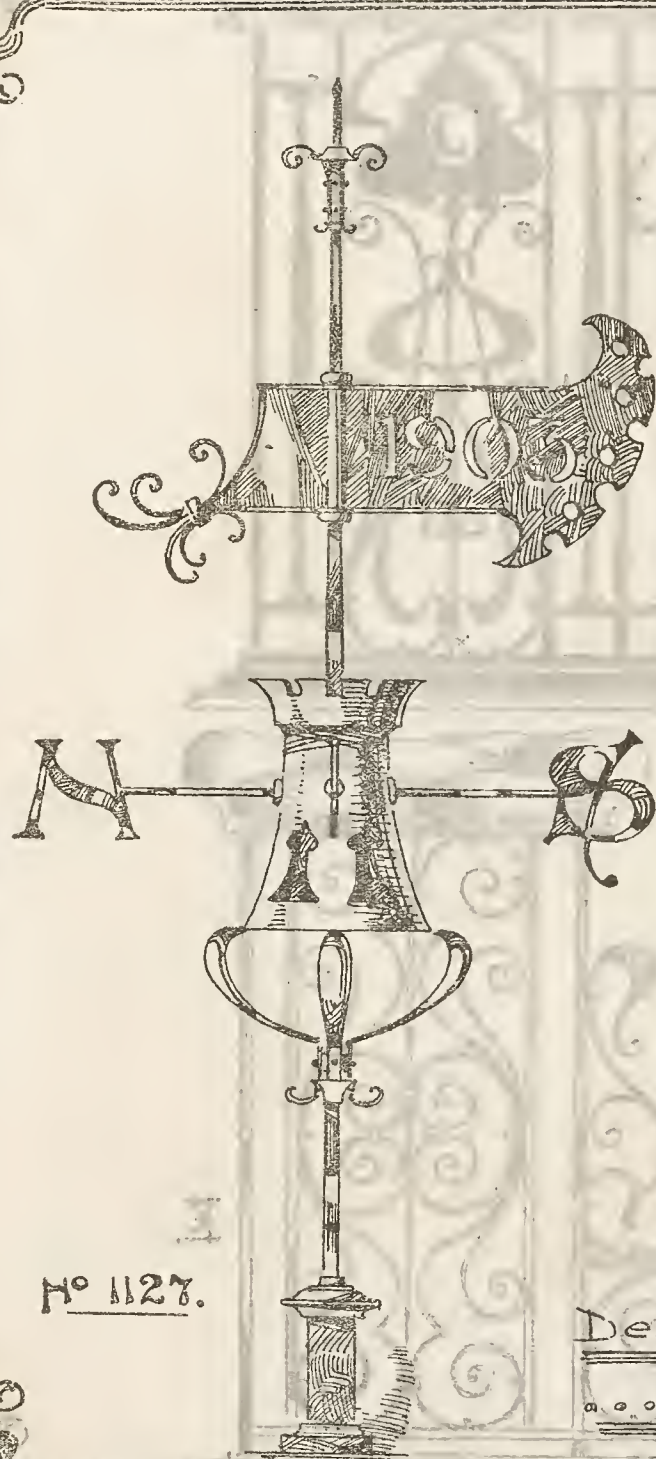


E.

THE BOSTWICK GATE CO. LIMITED



# ‘VANES & FINIALS:’



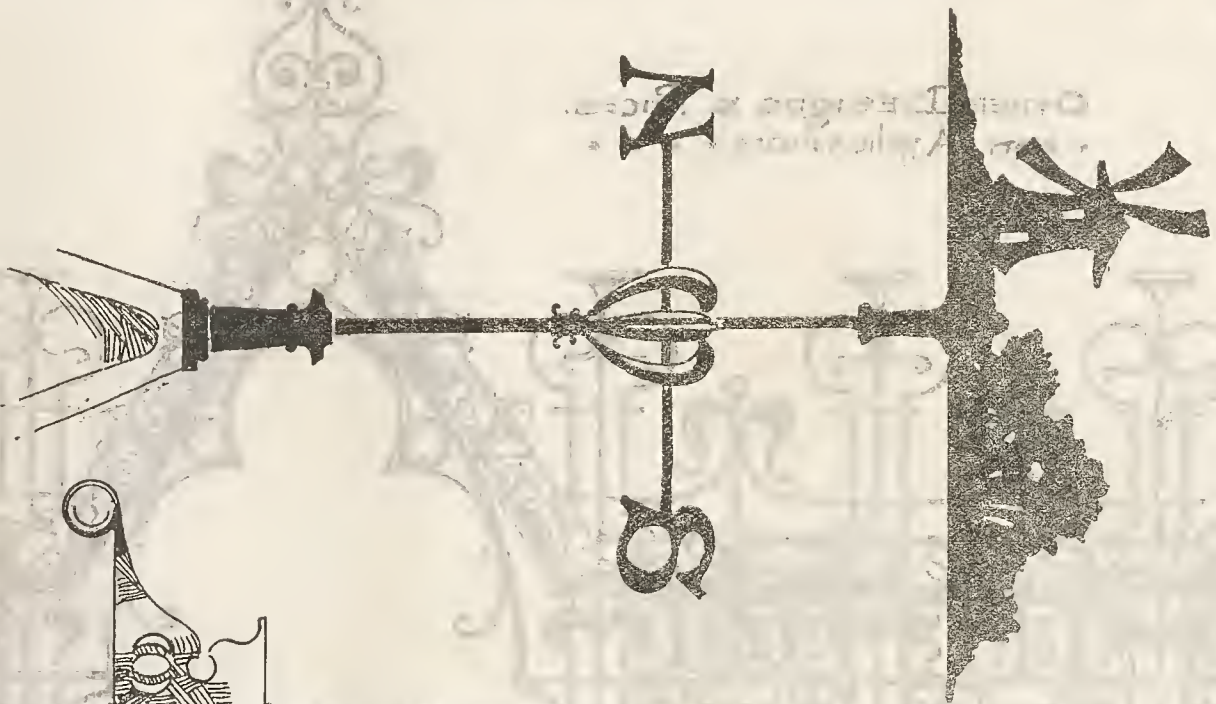
DESIGNS & PRICES.  
ON APPLICATION.

THE BOSTWICK GATE CO LIMITED.

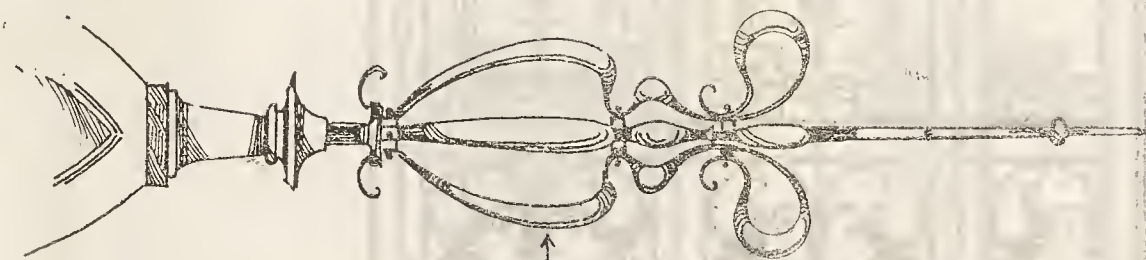


# VANES & FINIALS:

Prices on Application.



No 1129.



No 1130.



No 1131.

4 way . . . Special Designs  
Submitted Free To  
SUIT ALL STYLES OF  
ARCHITECTURE . . .

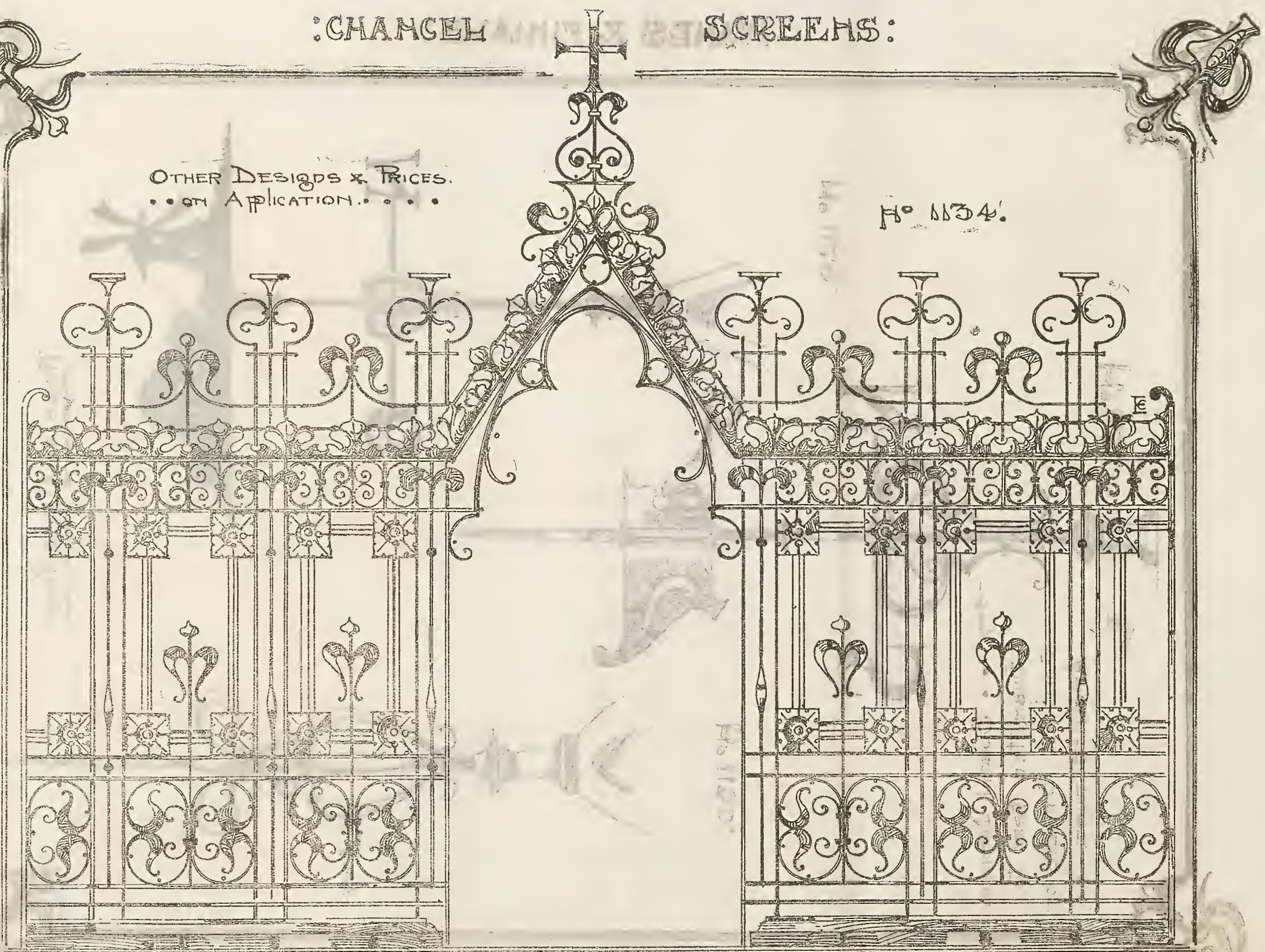
THE BOSTWICK GATE CO. LIMITED.



# CHANCEL SCREENS:

OTHER DESIGNS & PRICES.  
... ON APPLICATION. ...

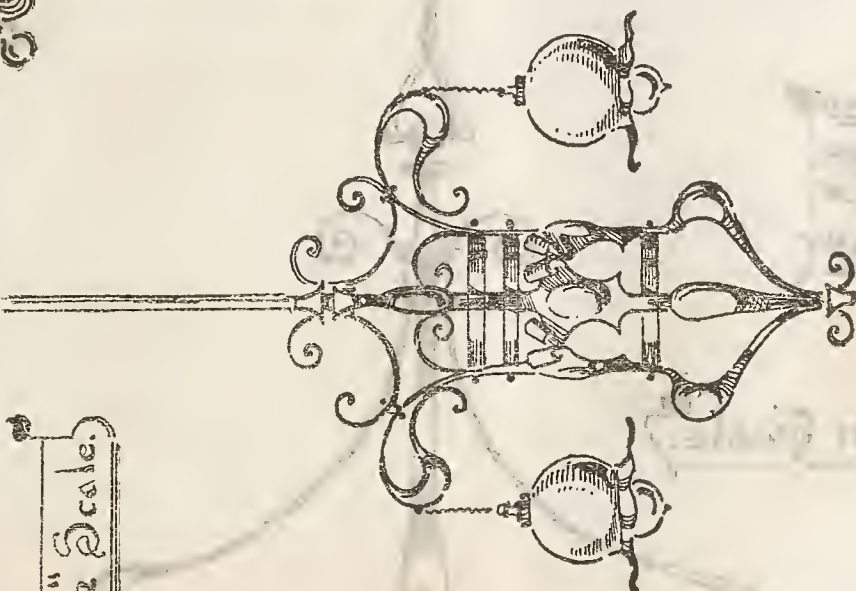
No 1134.



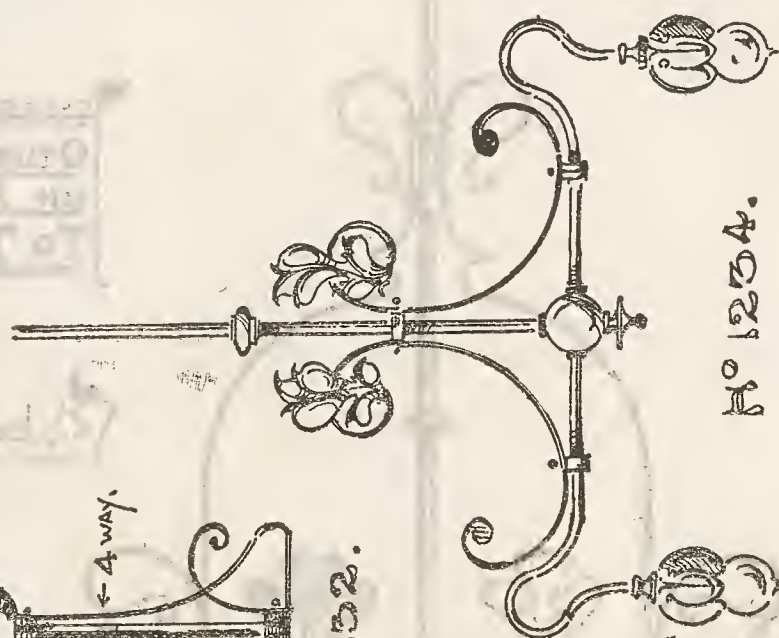
THE BOSTWICK GATE CO LIMITED.



# :ELECTRIC PENDANTS:

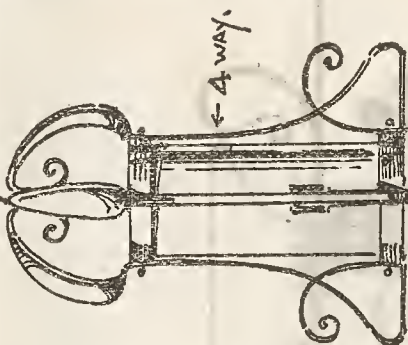


No 1231.



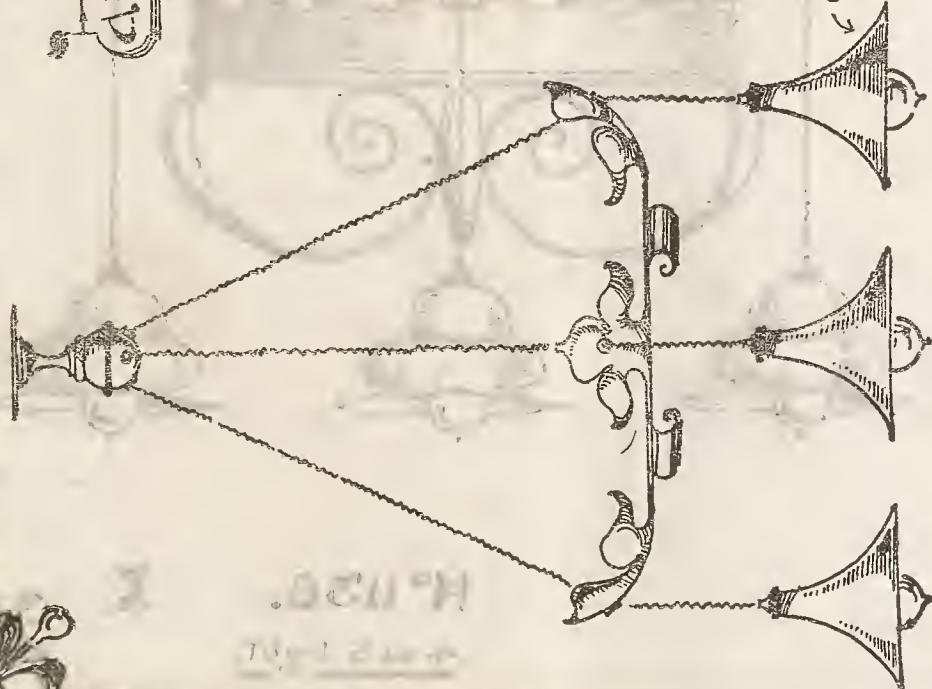
No 1234.

About 1 1/2" scale.



← 4 way.

No 1232.



No 1230.



No 1233.

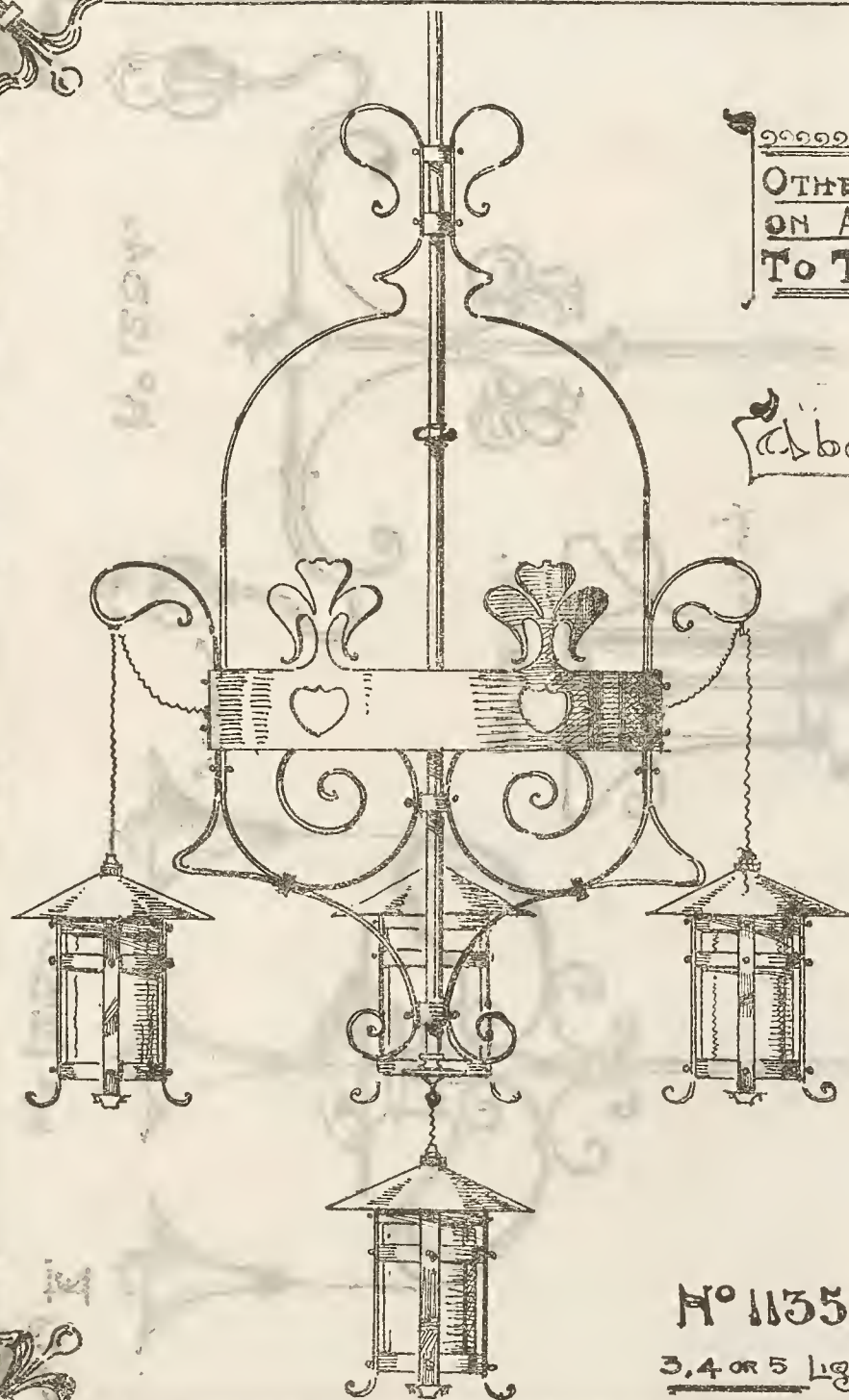
THE BOSTWICK GATE CO LIMITED.



# :ELECTRIC PENDANTS:

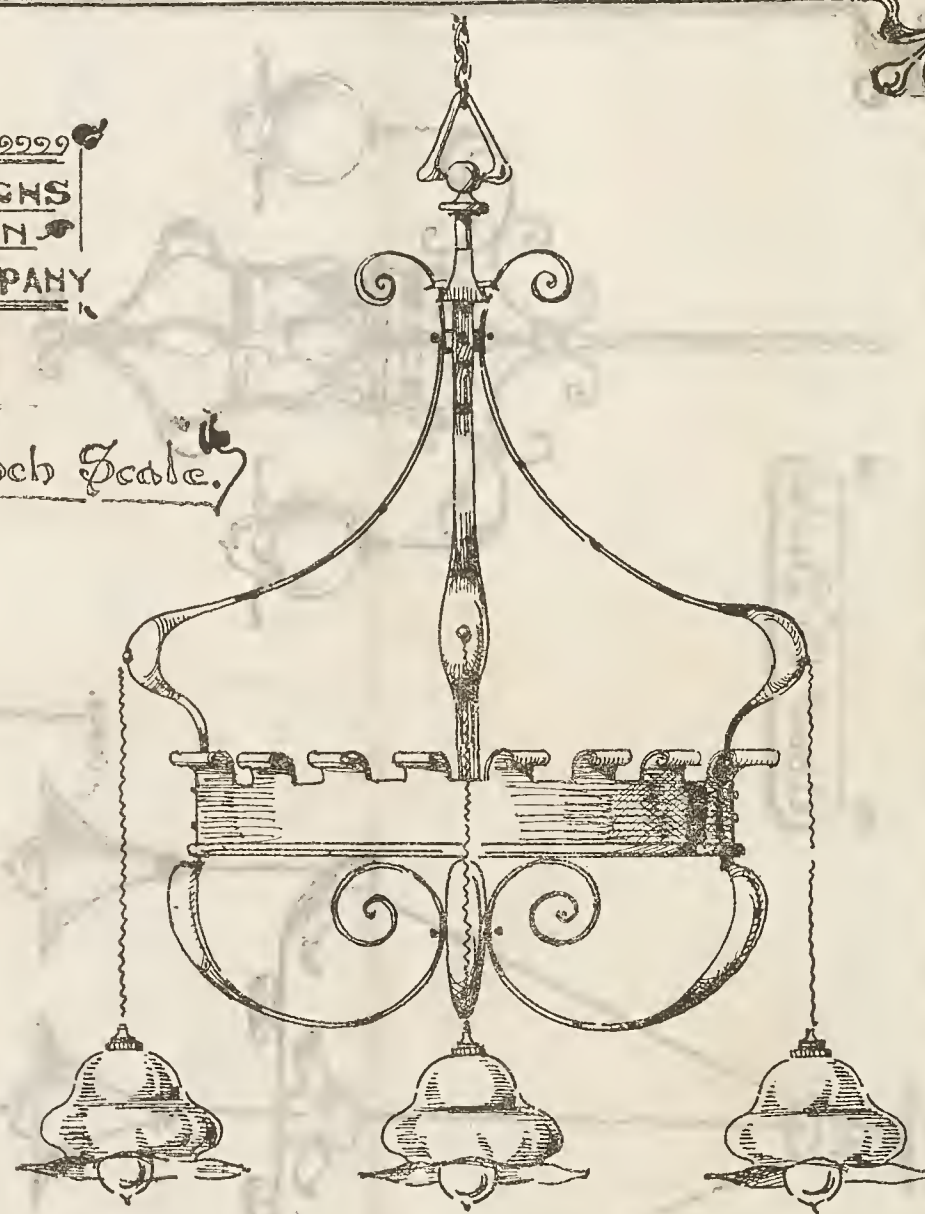
OTHER DESIGNS  
ON APPLICATION  
TO THE COMPANY

About, 1 inch Scale.



N° 1135.

3, 4 or 5 light.



N° 1136.

4 or 5 light.

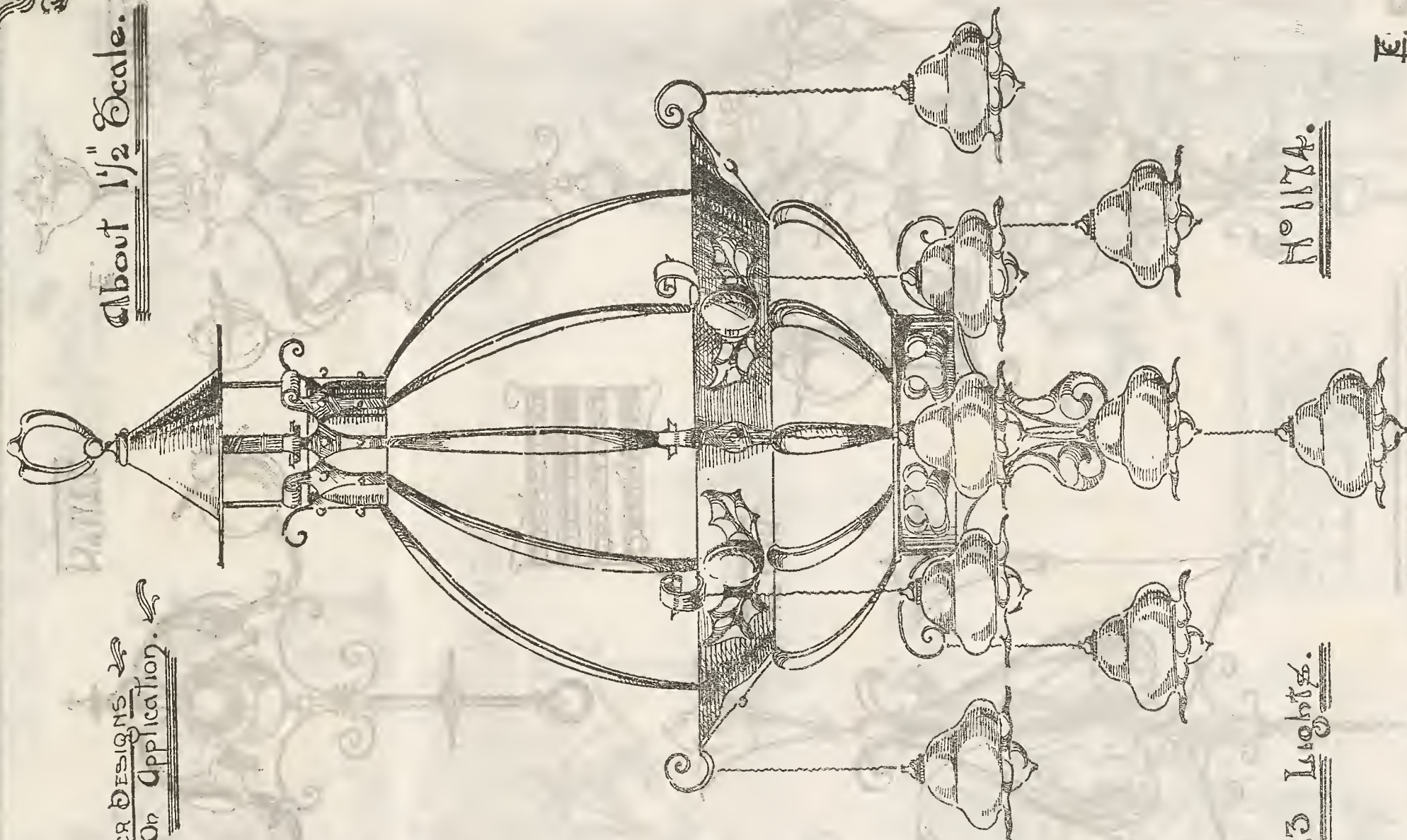
THE BOSTWICK GATE CO. LIMITED.



# : ELECTRIC PENDANTS :

About 1½" Scale.

OTHER DESIGNS  
On Application.



13 Lights.

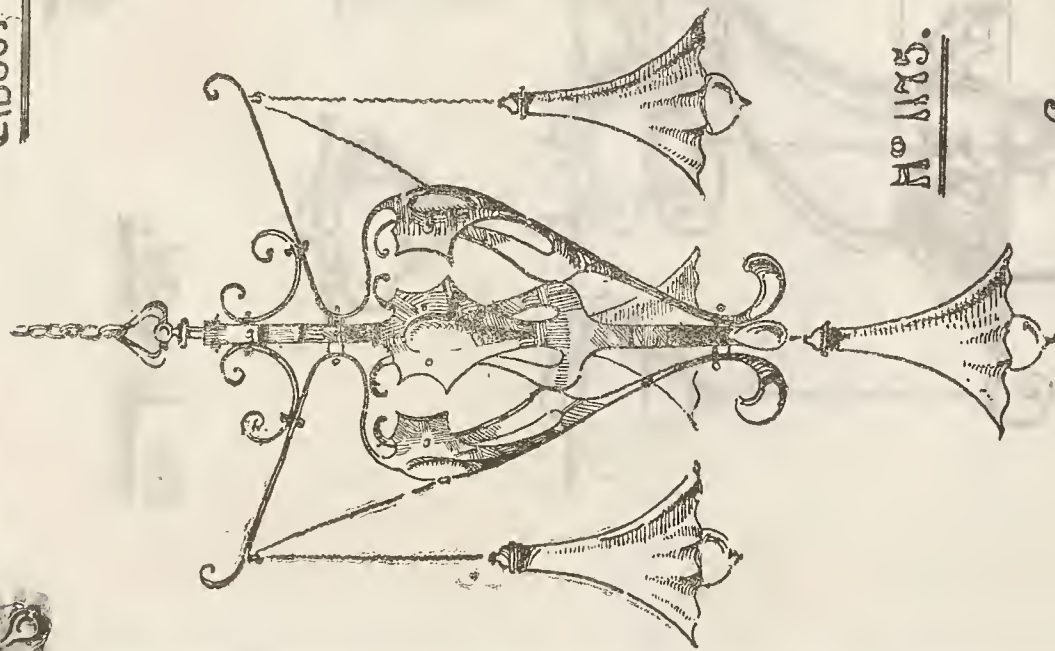
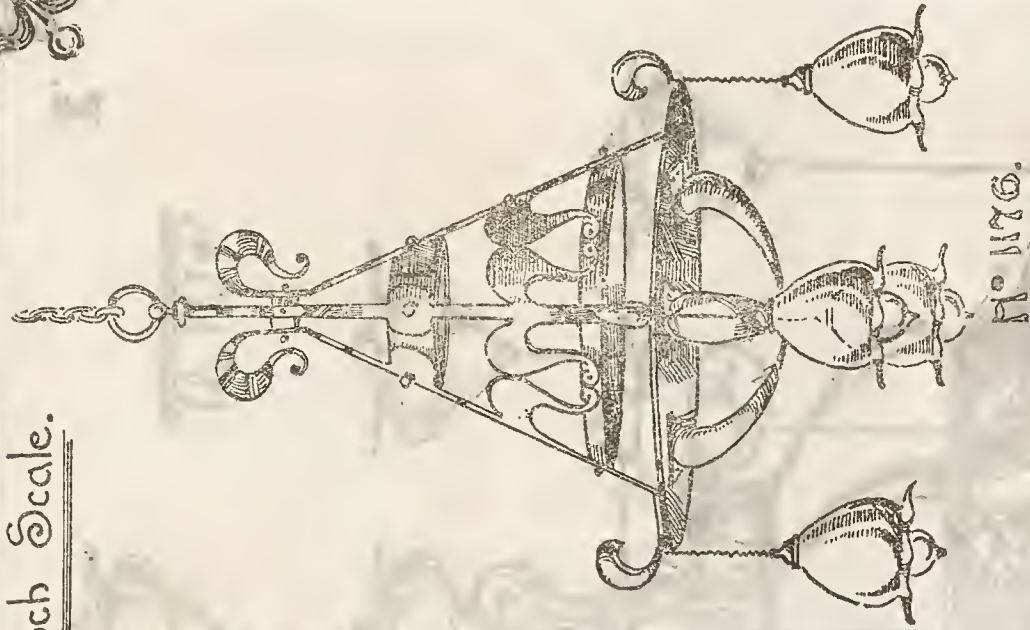
No 1174.

THE BOSTWICK GATE CO LIMITED.

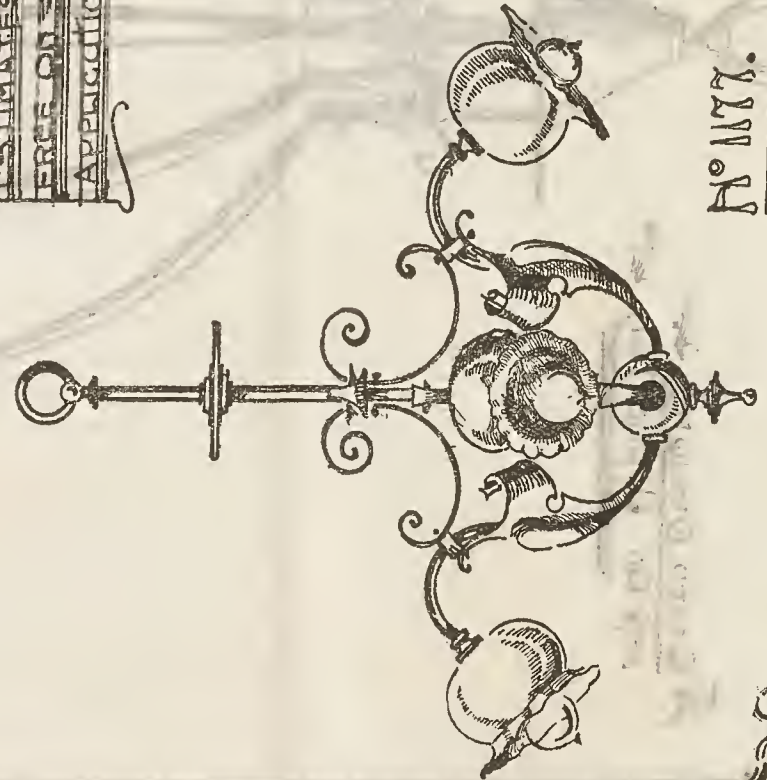
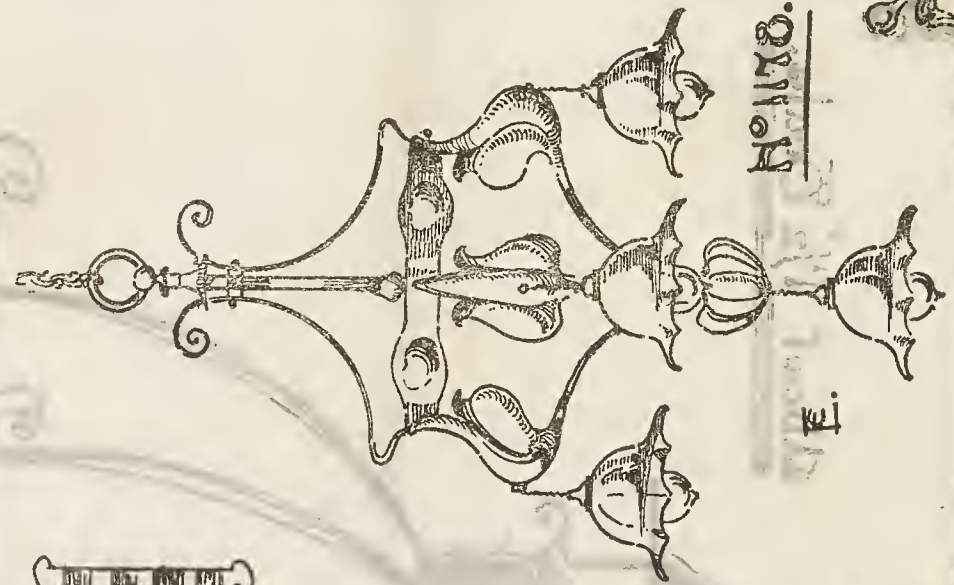


# : ELECTRIC PENDANTS :

About 1/2 inch Scale.



DESIGNS &  
ESTIMATES  
PRICE ON  
APPLICATION



THE BOSTWICK GATE CO LIMITED.



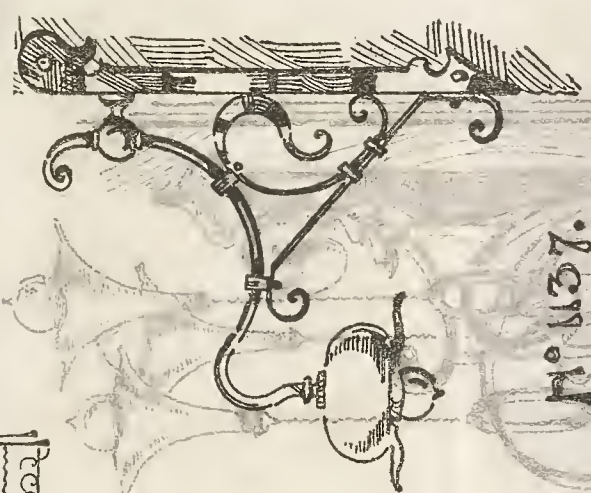
# :ELECTRIC BRACKETS:

Light No. 101

About 2 inch  
across

Light No. 102

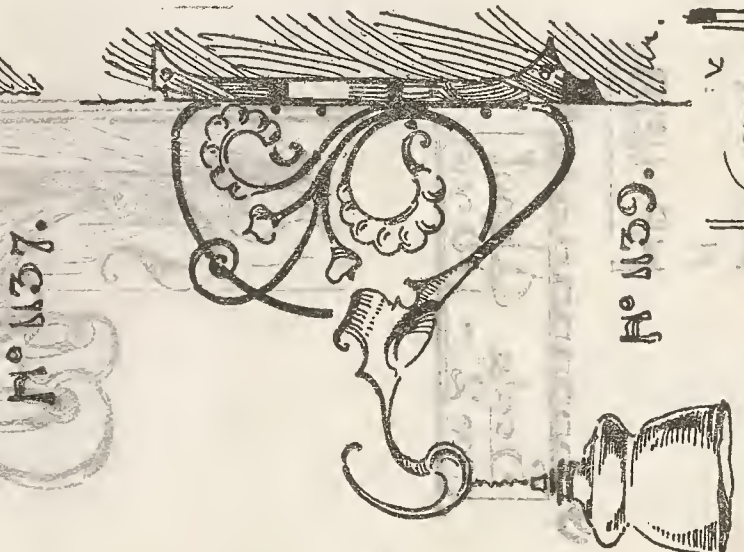
Light



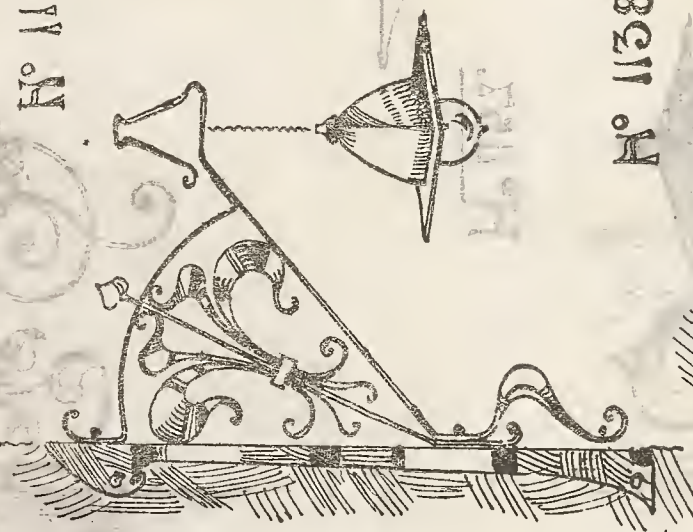
No 1137.



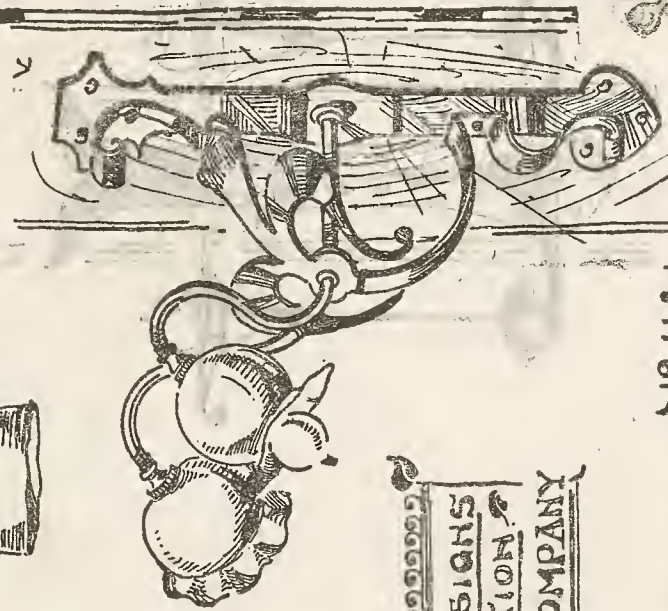
No 1136.



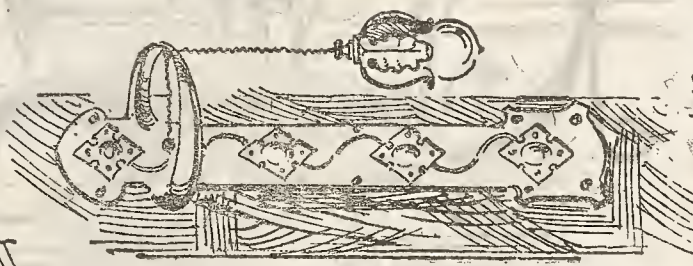
No 1139.



No 1138.



No 1141.



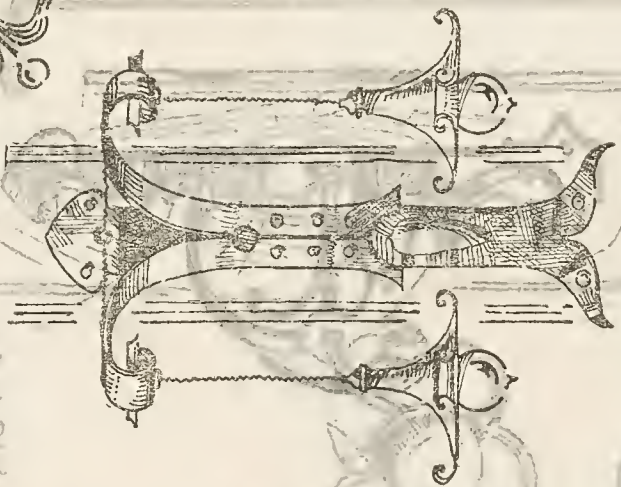
No 1140.

OTHER DESIGNS  
ON APPLICATION  
TO THE COMPANY

THE BOSTWICK GATE CO LIMITED.

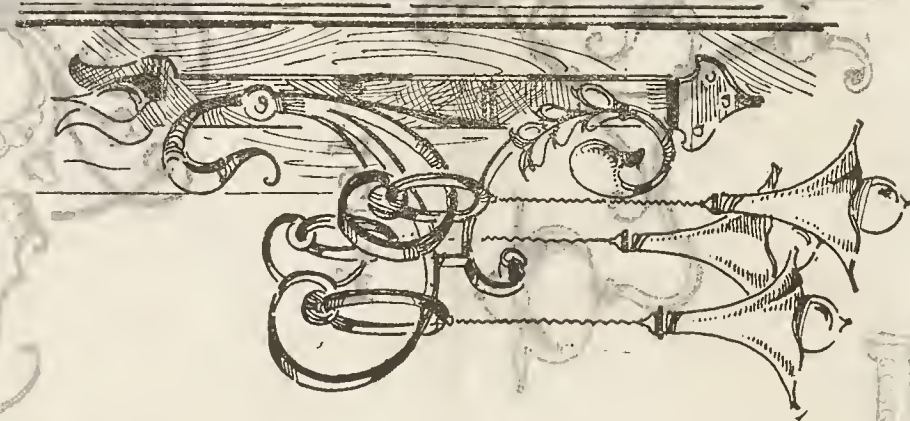


# ELECTRIC BRACKETS:

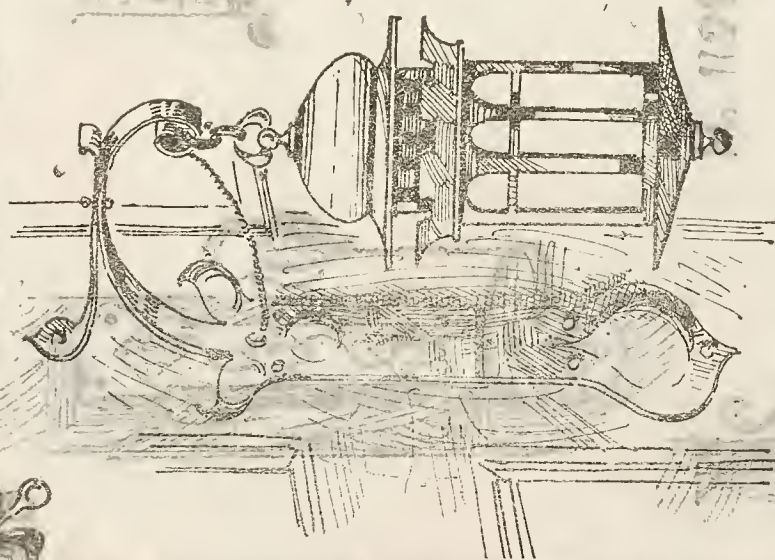


No. 1158.

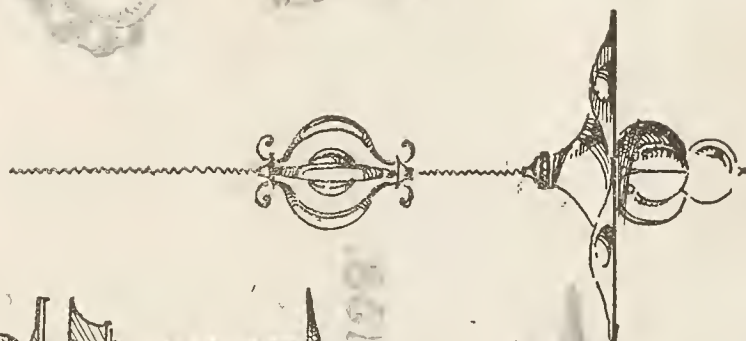
Scale About  
1/2" = 1'-0"



3 LIGHT. No. 1161.



No. 1157.



No. 1159.



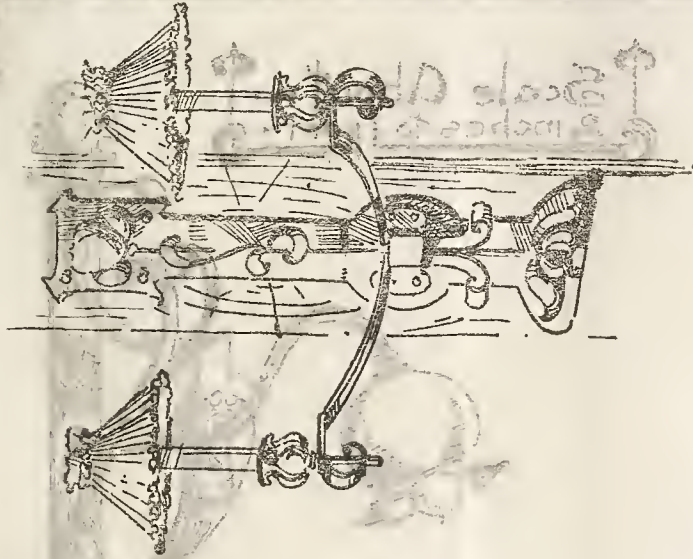
1 OR 2 LIGHT No. 1160.

THE BOSTWICK GATE CO LIMITED.



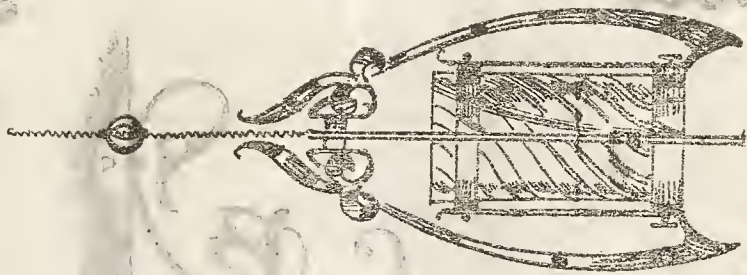
# :ELECTRIC BRACKETS:

Scale About.  
2 inches to foot.

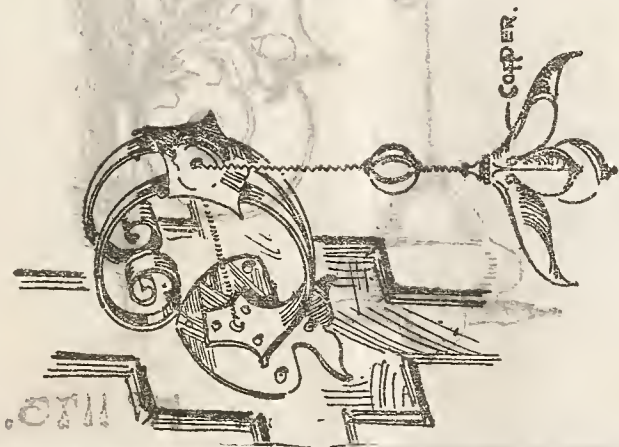


2 OR 3 LIGHT N<sup>o</sup> 1164.

3 way.

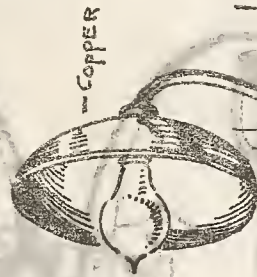


N<sup>o</sup> 1163



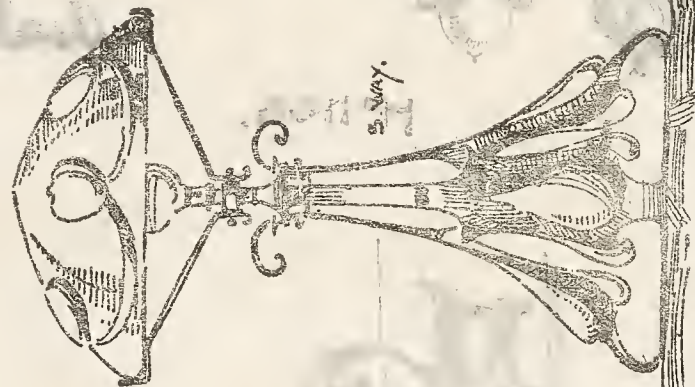
N<sup>o</sup> 1162

COPPER.



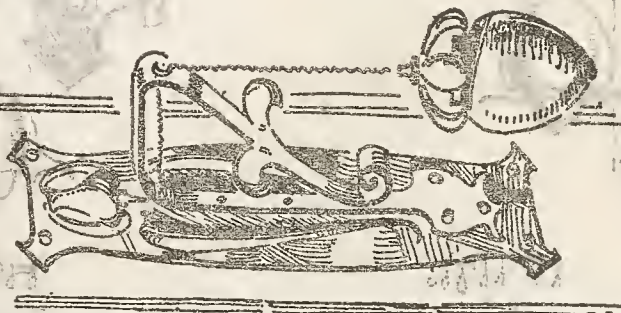
COPPER

N<sup>o</sup> 1167.



N<sup>o</sup> 1166.

3 way.



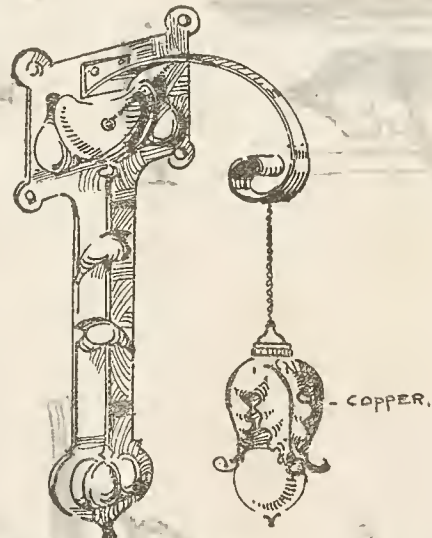
N<sup>o</sup> 1165.

THE BOSTWICK GATE CO. LIMITED.

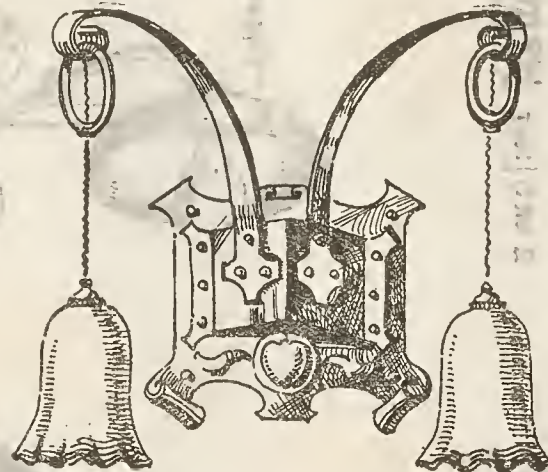


# ELECTRIC BRACKETS:

Scale About...  
2 inches to 1 foot.



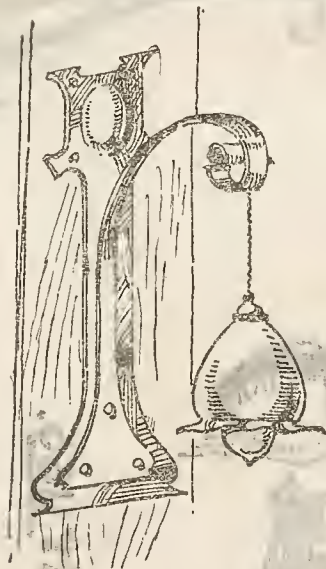
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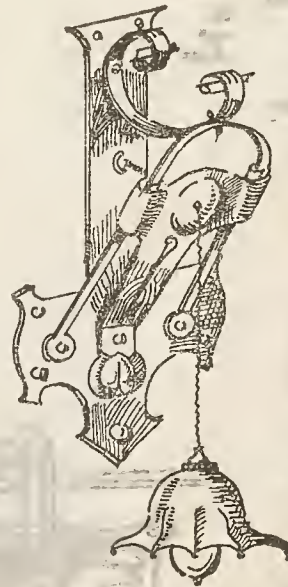
No 1169.



No 1170.



No 1171.



No 1172.



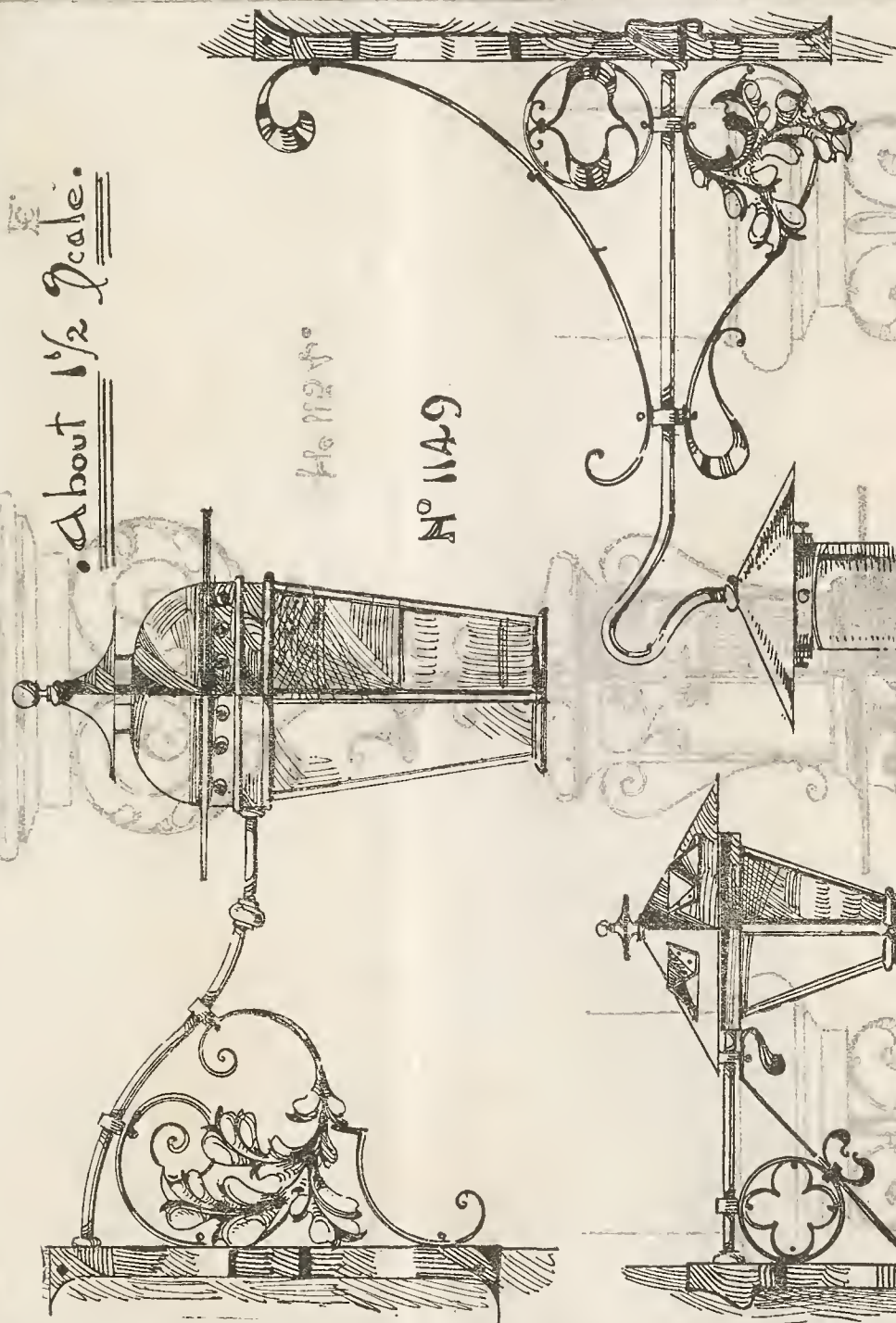
No 1173.

THE BOSTWICK GATE CO LIMITED.



# : OUTSIDE BEL LANTERNS :

• About 1½ scale. •

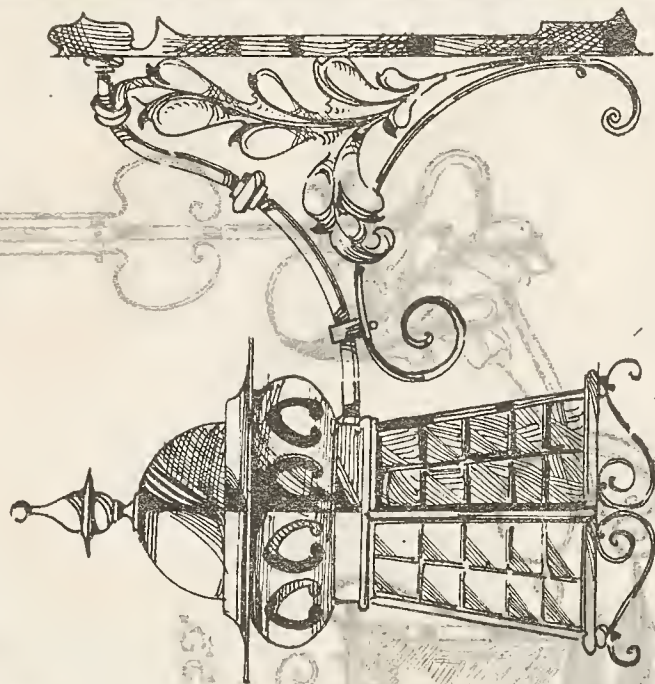


Nº 1149

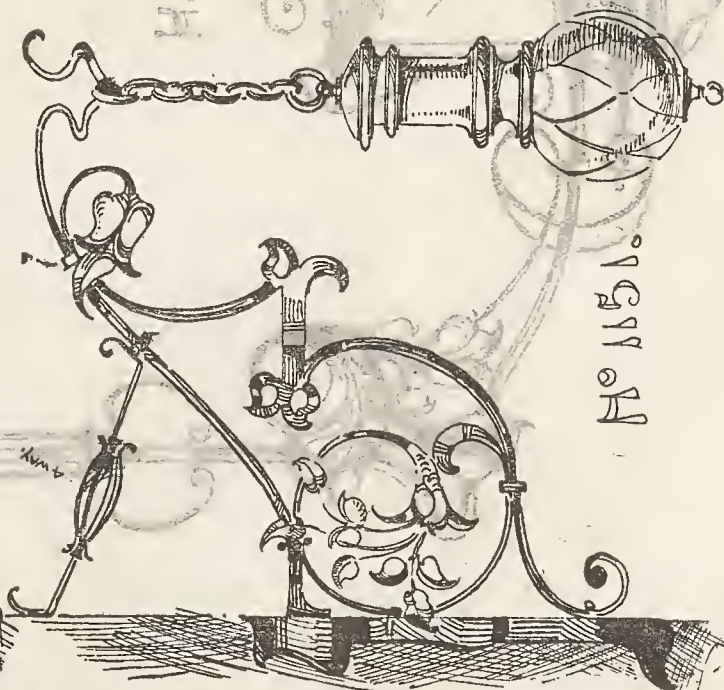
Nº 1124

Nº 1150

Nº 1148



Nº 1152

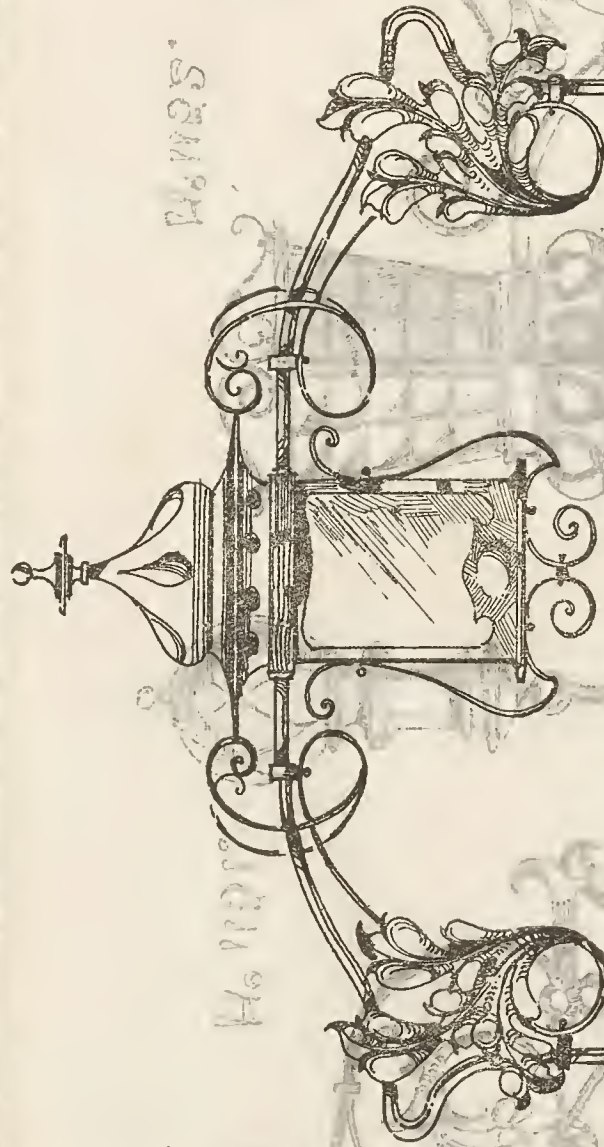


Nº 1151

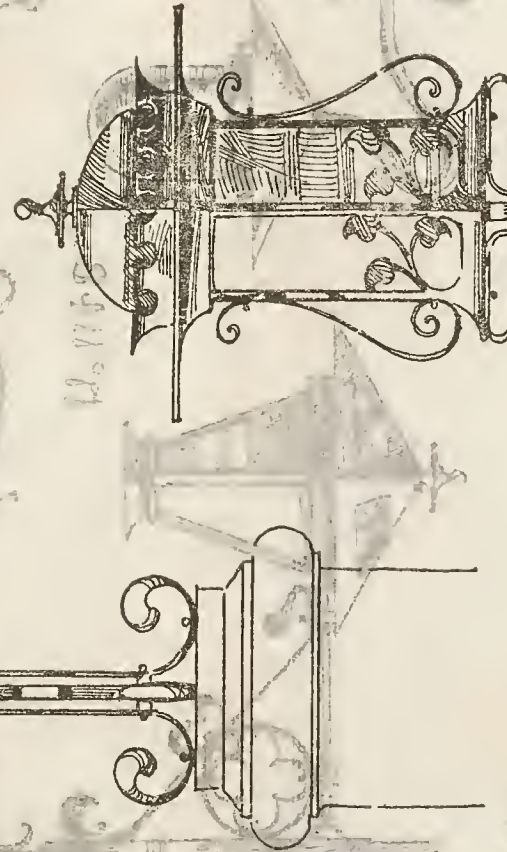
THE BOSTWICK GATE CO LIMITED.



# : ARCH & NEWEL LANTERNS:



No. 1153.

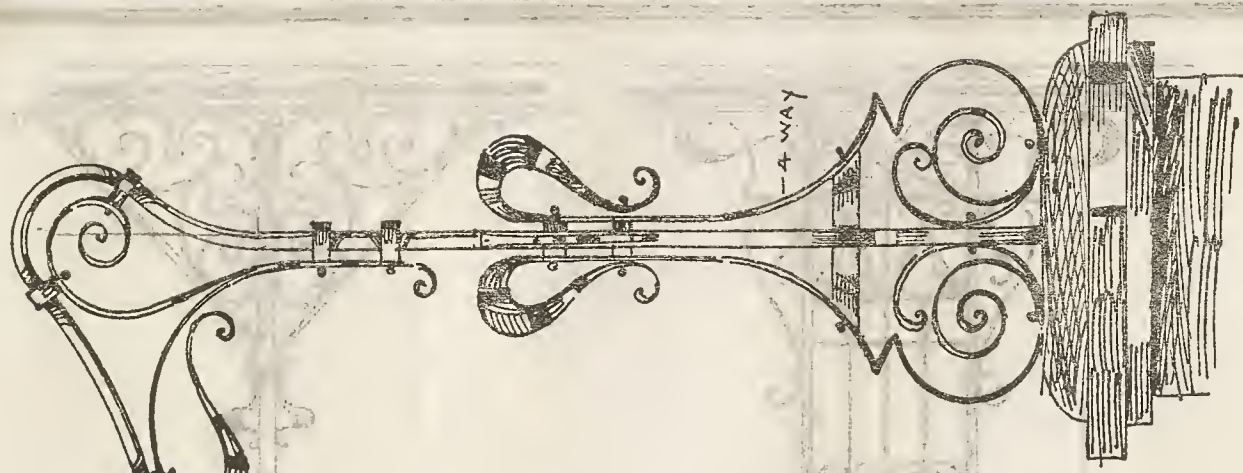


No. 1154.

THE BOSTWICK GATE CO. LIMITED.

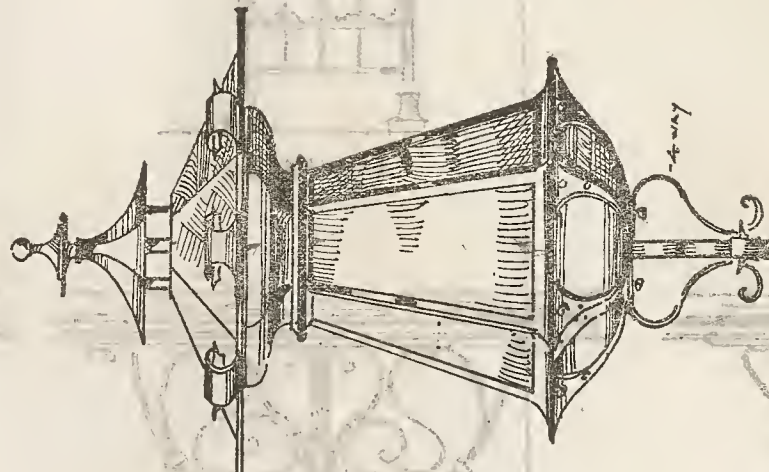
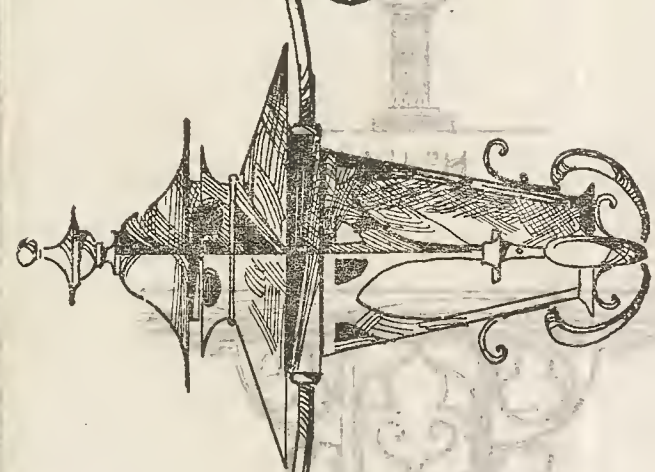


:ARCH & NEWEL LANTERNAS:

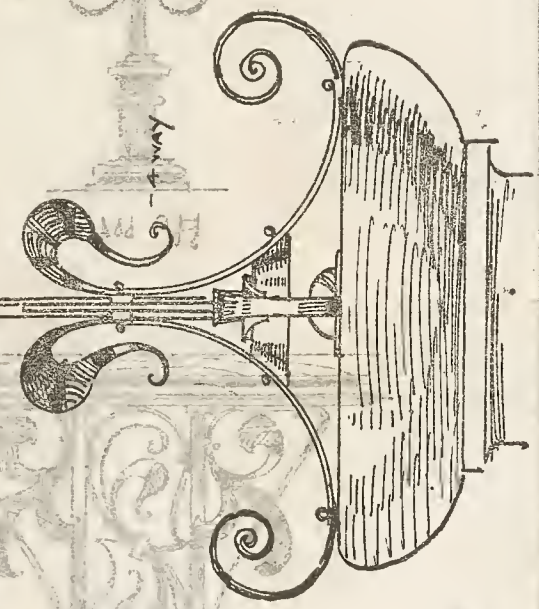
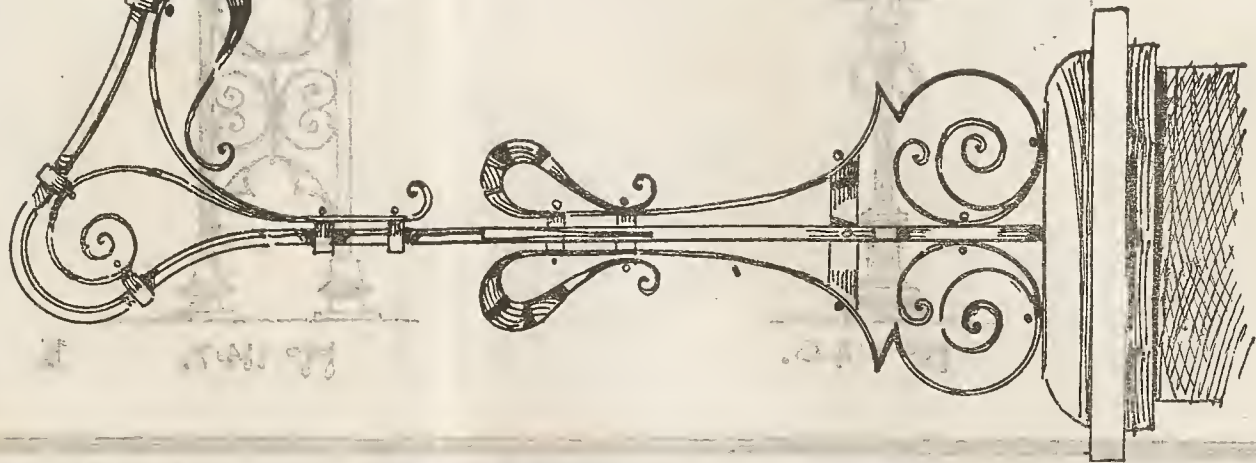


PRICES ON...  
APPLICATION

E.



No 1155.



No 1156

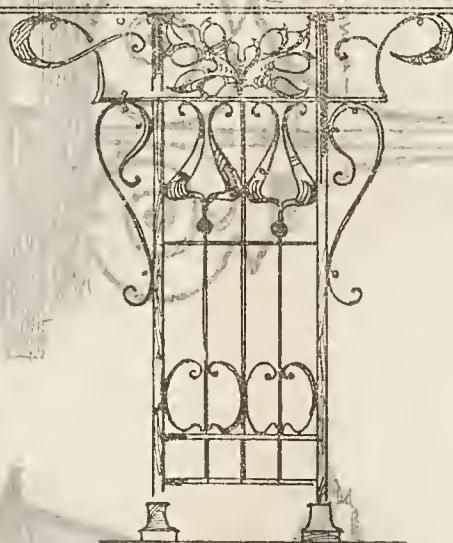
THE BOSTWICK GATE CO LIMITED.



# ALTAR RAILS:



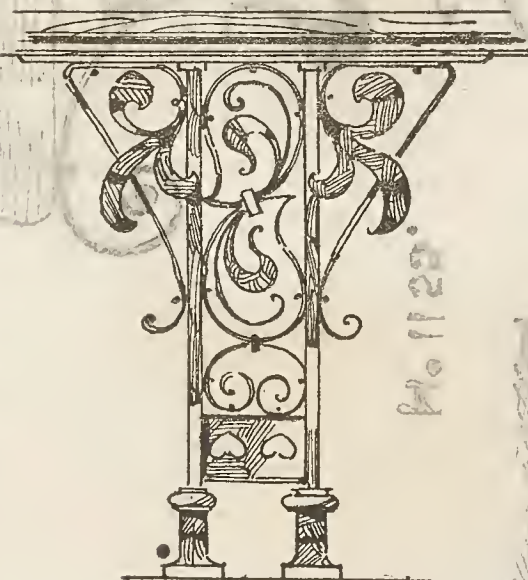
No. 1142.



No. 1143.



No. 1144.



No. 1145



No. 1146.



No. 1147.

E

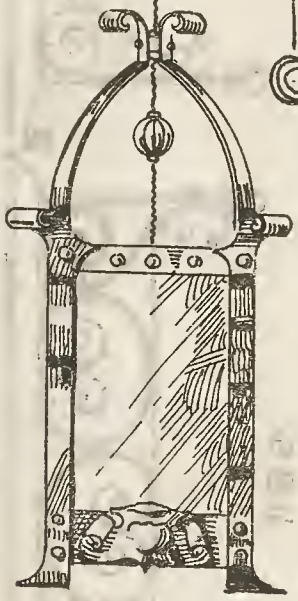
THE BOSTWICK GATE CO LIMITED.



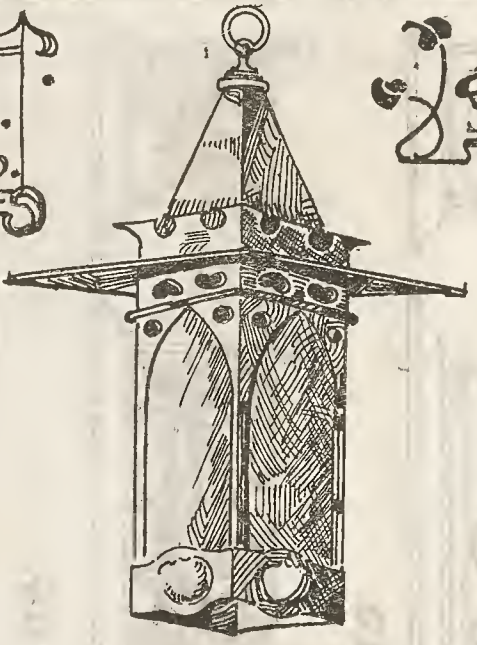
LANTERNS:

PRICES AND ..  
OTHER DESIGNS.  
ON Application.

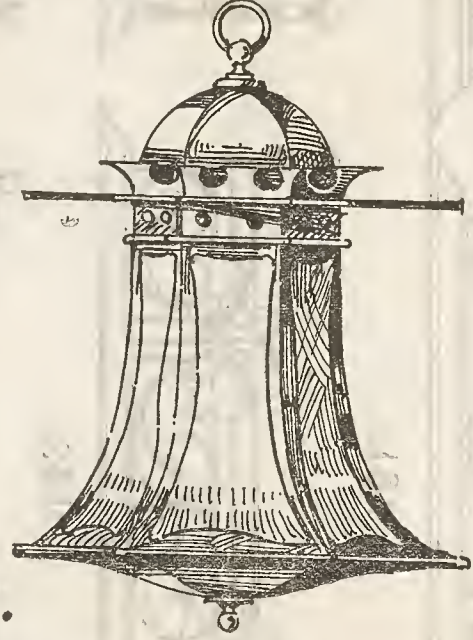
Scale About. 2" = 1-0.



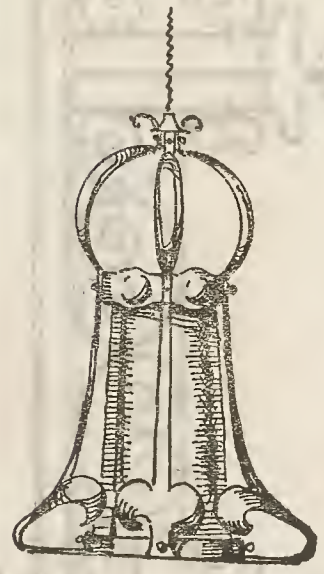
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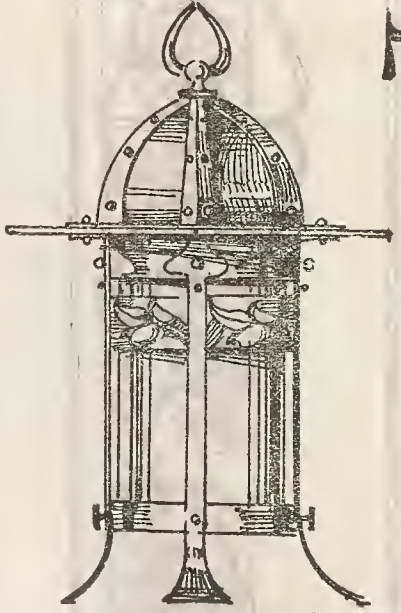
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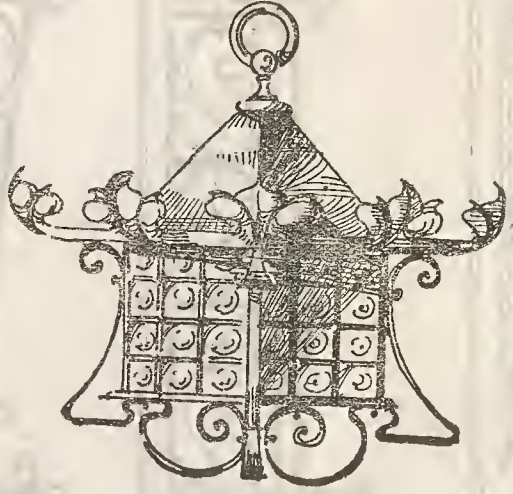
Nº 1236



E. Nº 1237.



Nº 1238.



Nº 1239.

THE BOSTWICK GATE CO LIMITED.



## : FENDERS :



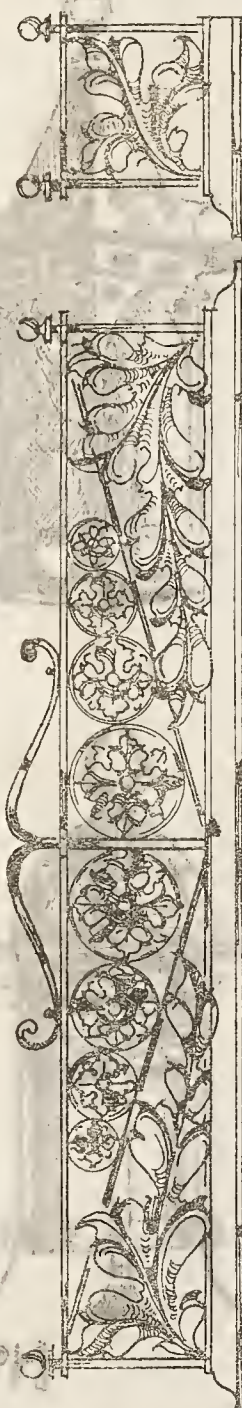
1181.



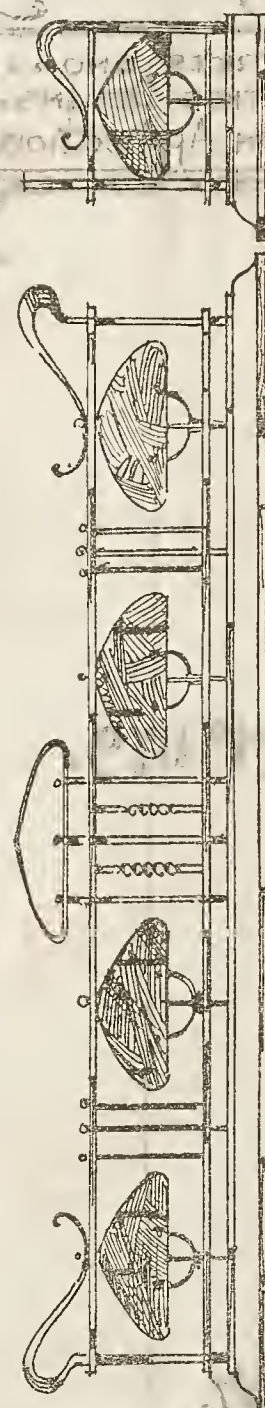
1182.



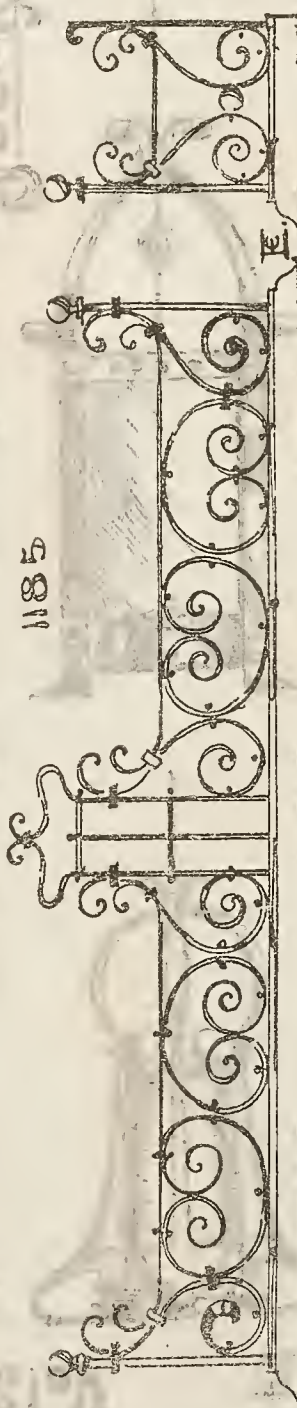
1183.



1184.



1185

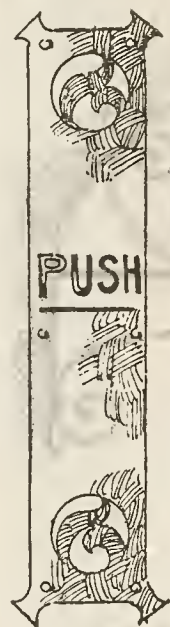


1186.

THE BOSTWICK-GATE CO LIMITED.



# DOOR FURNITURE:



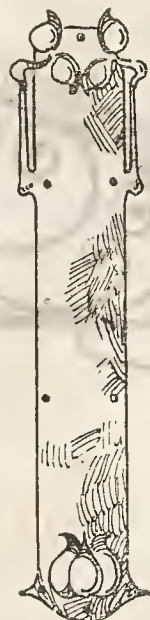
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N° 1188.



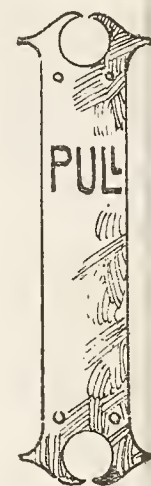
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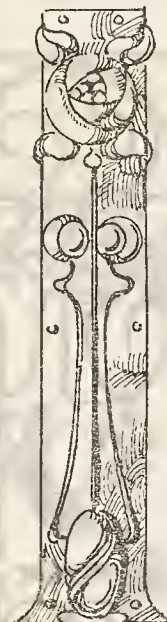
N° 1190.



N° 1191.



N° 1192.



N° 1193.



Knocker N° 1194.



Knocker N° 1195.



N° 1196.



N° 1197.

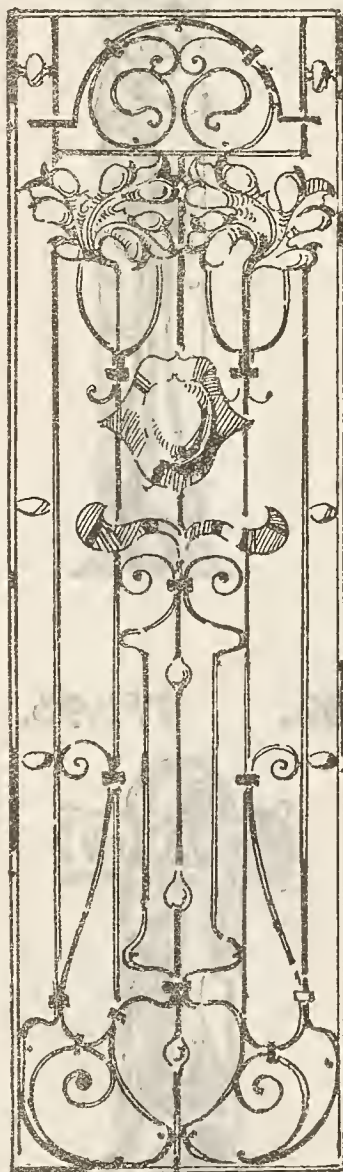


Knocker N° 1198.

THE BOSTWICK GATE CO LIMITED.



J. GRILLES &amp; CO.

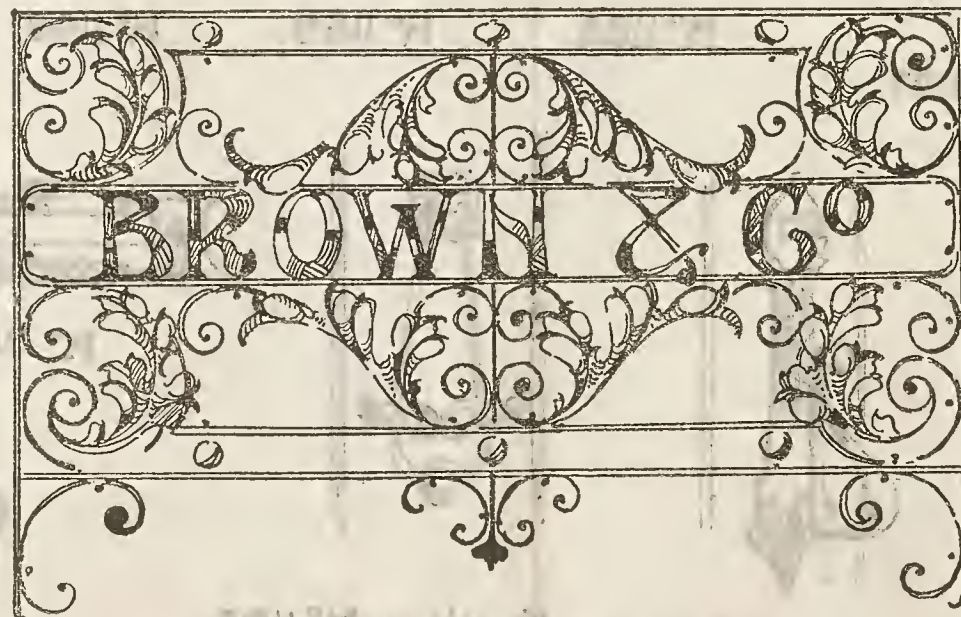


E.

N° 1057.



N° 1056.



N° 1058.

THE BOSTWICK GATE CO LIMITED.





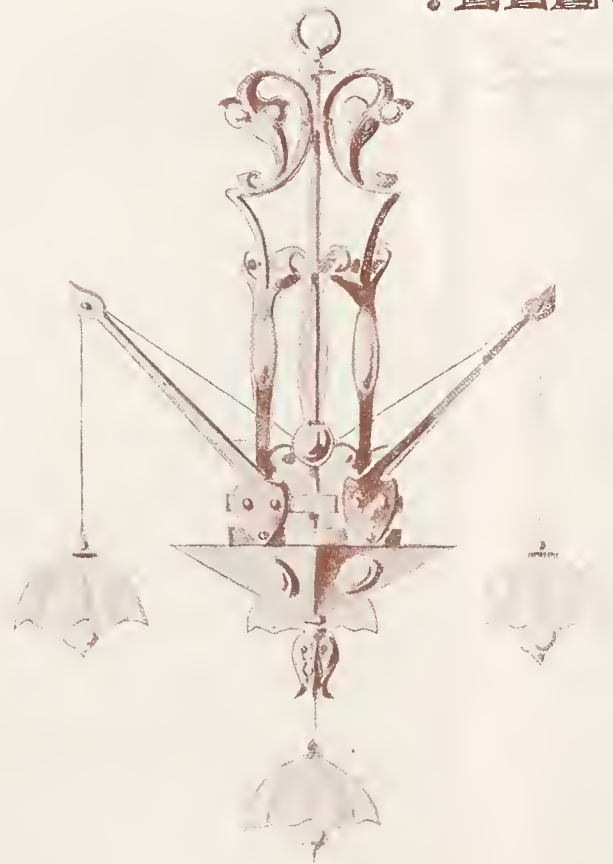
No. 1241.

E

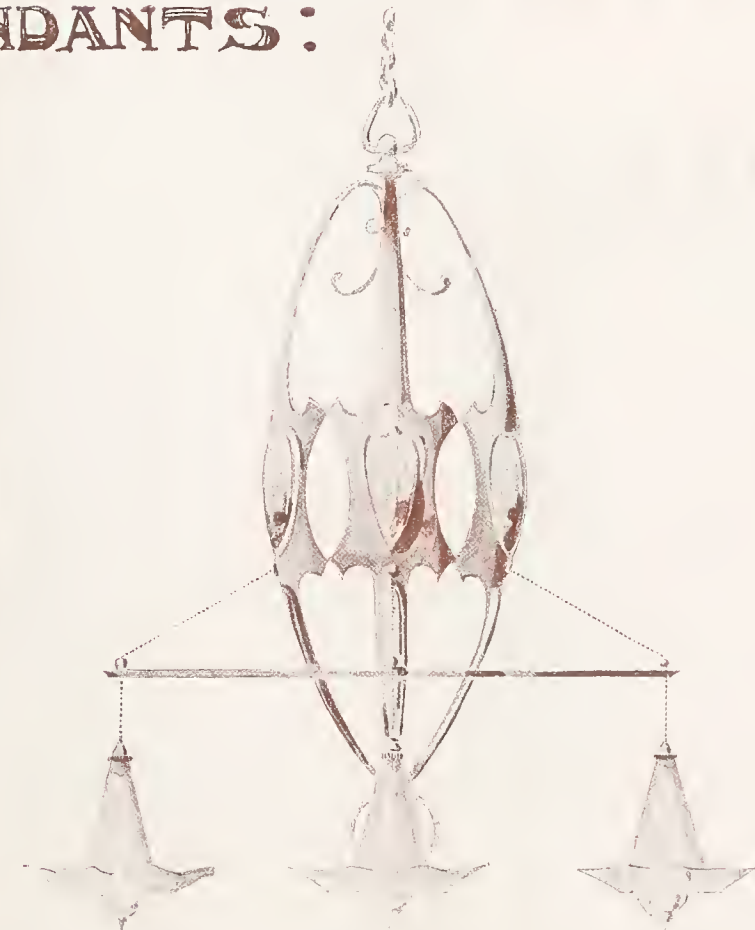


No. 1242.

## :ELECTRIC PENDANTS:



No. 1243.



No. 1244.







# : DOOR FURNITURE :

Any of these Designs can be  
executed in the following  
Finishes:—

ANTIQUE BRASS,  
BRIGHT BRASS,  
BRONZE,  
OXIDISED SILVER,  
BRIGHT COPPER.



BRONZED.  
No. 404.

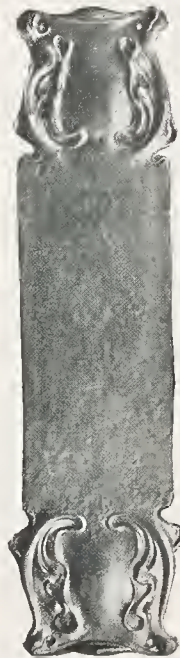


BELL PUSH,  
ANTIQUE BRASS.  
No. 402.

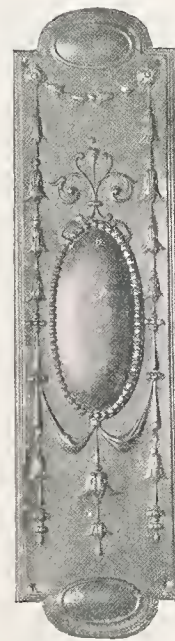


ANTIQUE BRASSED.  
No. 406.

Original Designs for  
other Repoussé Work  
... submitted ...  
Free upon Application.



OXIDISED SILVER.  
No. 288.



BRONZED.  
No. 401.



OXIDISED SILVER.  
No. 403.



BRIGHT BRASSED.  
No. 407.







HIGH SCHOOL FOR GIRLS, NORWICH.



WROUGHT IRON GATES, RAILING AND LAMPS,

*Manufactured and Fixed by the*

**BOSTWICK COMPANY, LTD.,**  
*. . 16, Grays Inn Road, LONDON, W.C.*

























CARTE  
DE SERVICE.

1900.

Signature du titulaire :

*Alfred Clark*

ST  
ROAD



MINISTÈRE DU COMMERCE, DE L'INDUSTRIE, DES POSTES ET DES TÉLÉGRAPHES.

EXPOSITION UNIVERSELLE INTERNATIONALE DE 1900.

CARTE DE SERVICE.

M. A. Clack.

Q 65.

Sept-Bornick Gate & Shutter Co. Gate St-Strasbourg

1° Cette carte devra être présentée à toutes réquisitions aux agents chargés de la surveillance et du contrôle qui pourront, au besoin, exiger la signature du titulaire sur un registre spécial. — 2° Le titulaire qui aura prêté sa carte sera poursuivi conformément à la loi, ainsi que celui qui en aura fait usage. Toute carte prêtée sera retirée. — 3° Le titulaire qui ne présentera pas sa carte payera le prix de son entrée au moyen de tickets, sans pouvoir en demander le remboursement.

N° 4508

Le Commissaire général  
A. Dicaud

ENCEINTE GÉNÉRALE.



















































PATENT  
GRANT







No

786,951.

# THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

Whereas Alfred Clark,  
of London, England,

HAS PRESENTED TO THE Commissioner of Patents A PETITION PRAYING  
FOR THE GRANT OF LETTERS PATENT FOR AN ALLEGED NEW AND USEFUL IMPROVEMENT IN

*Collapsible Gates,*

A DESCRIPTION OF WHICH INVENTION IS CONTAINED IN THE SPECIFICATION OF WHICH  
A COPY IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND HAS COMPLIED WITH  
THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED, AND

Whereas UPON DUE EXAMINATION MADE THE SAID CLAIMANT IS ADJUDGED  
TO BE JUSTLY ENTITLED TO A PATENT UNDER THE LAW.

NOW THEREFORE THESE Letters Patent ARE TO GRANT UNTO THE SAID

*Alfred Clark, his*

HEIRS OR ASSIGNS

FOR THE TERM OF SEVENTEEN YEARS FROM THE *eleventh* DAY OF

*April*

ONE THOUSAND NINE HUNDRED AND *five*

THE EXCLUSIVE RIGHT TO MAKE, USE AND VEND THE SAID INVENTION THROUGHOUT THE  
UNITED STATES AND THE TERRITORIES THEREOF.

In testimony whereof. I have hereunto set my  
hand and caused the seal of the Patent Office  
to be fixed at the City of Washington  
this *eleventh* day of *April*  
year of our Lord one thousand nine  
hundred and *five* and of the  
Independence of the United States of America  
the one hundred and *twenty-ninth*.

*P. I. Allen*  
Commissioner of Patents.







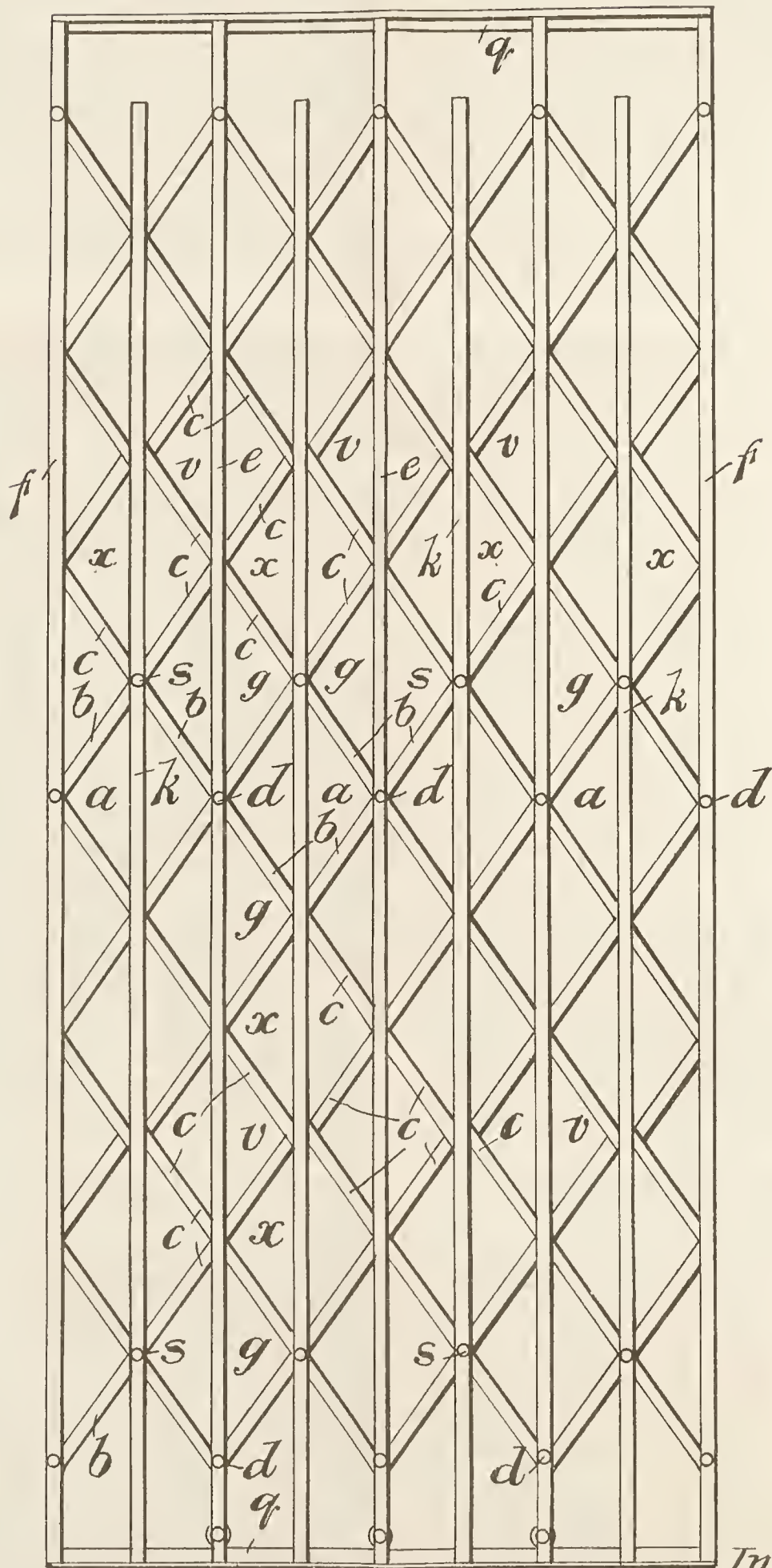




A. CLARK,  
COLLAPSIBLE GATE.

APPLICATION FILED MAR. 16, 1904.

3 SHEETS—SHEET 3.



Witnesses,  
Howard W. Orr.  
J. F. Riley.

Fig. 11.

Inventor;  
Alfred Clark,  
by E. J. Siggers.  
Atty.







No. 786,951.

PATENTED APR. 11, 1905.

A. CLARK.

COLLAPSIBLE GATE.

APPLICATION FILED MAR. 16, 1904.

3 SHEETS—SHEET 2.

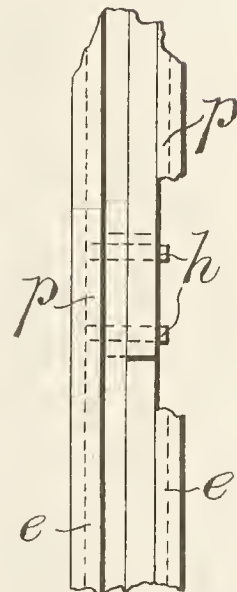
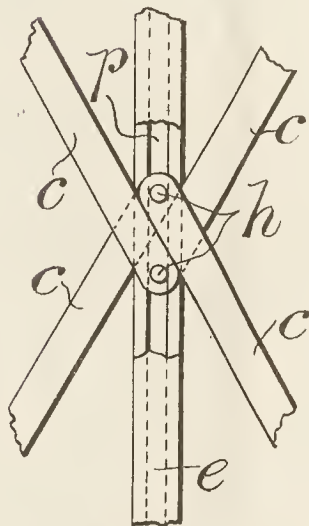
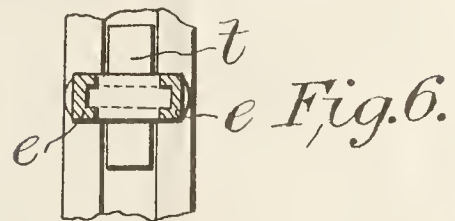
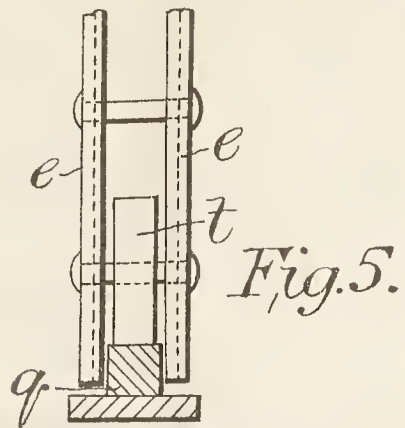


Fig. 7.

Fig. 8.

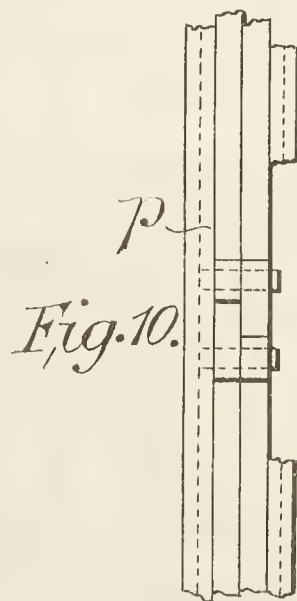
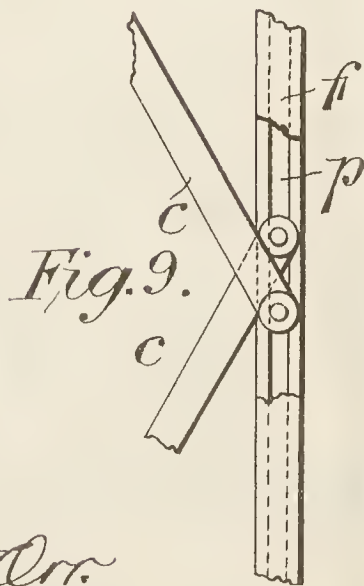


Fig. 9.

Fig. 10.

Witnesses,  
Howard D. Orr.  
J. F. Riley.

Inventor,  
Alfred Clark,  
by C. G. Siggers.







No. 786,951.

A. CLARK.

PATENTED APR. 11, 1905.

COLLAPSIBLE GATE.

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3 SHEETS—SHEET 1.

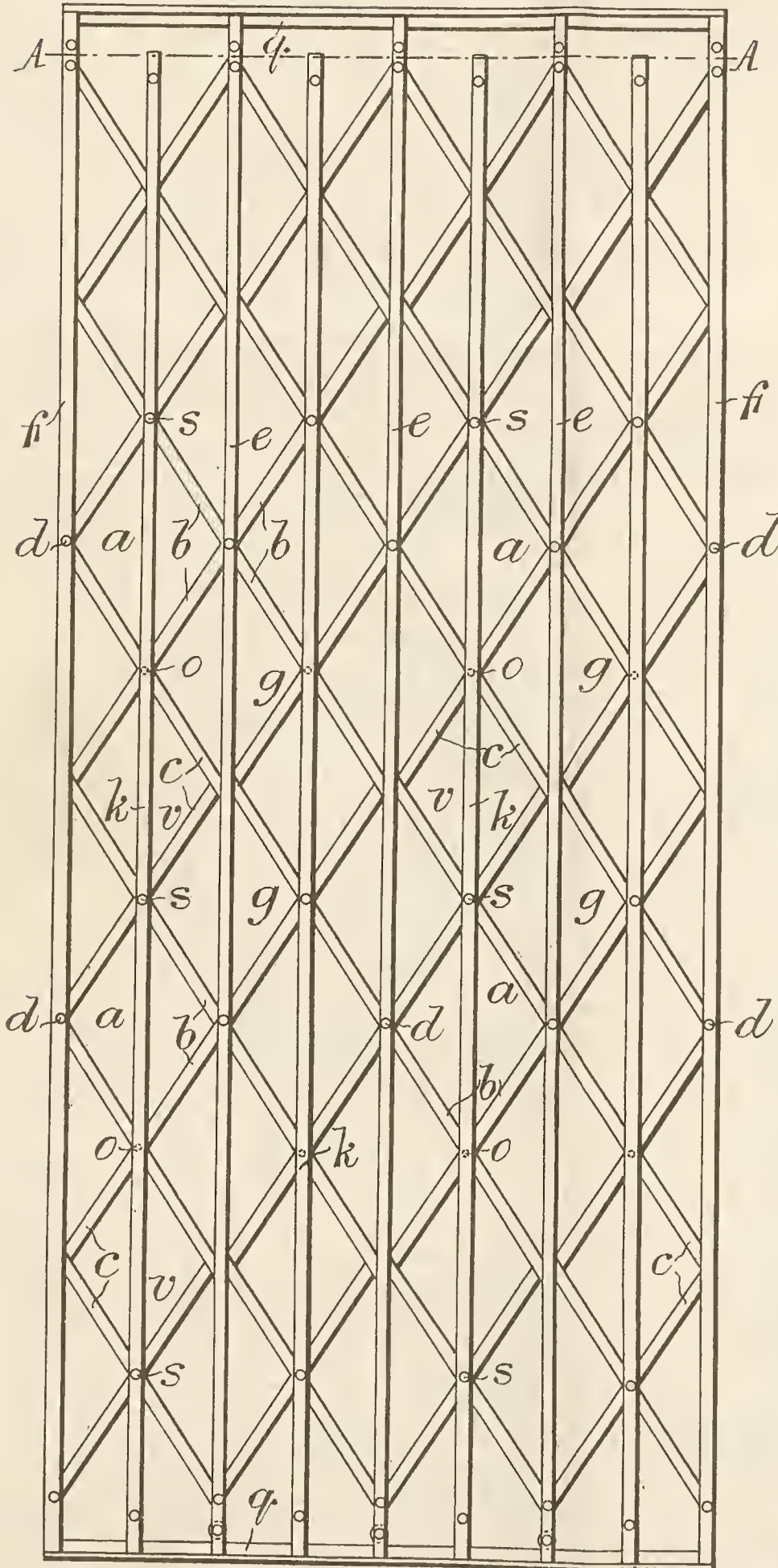


Fig. 1.

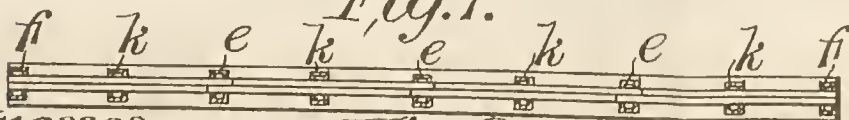


Fig. 2.

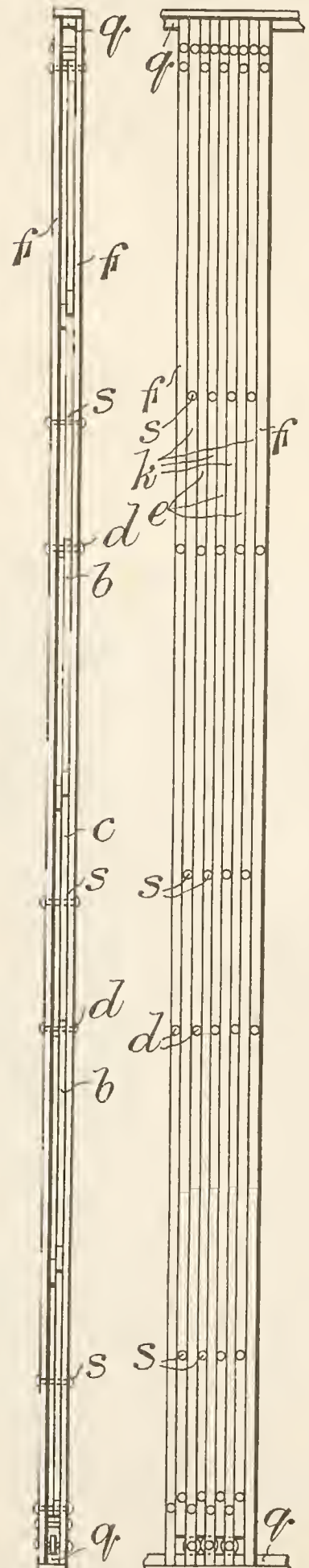


Fig. 3.

Fig. 4.

Witnesses,  
Howard D. Orr.  
H. F. Piley.

Inventor,  
Alfred Clark,  
by C. J. Siggers  
Att'y.



# UNITED STATES PATENT OFFICE.

ALFRED CLARK, OF LONDON, ENGLAND.

## COLLAPSIBLE GATE.

SPECIFICATION forming part of Letters Patent No. 786,951, dated April 11, 1905.

Application filed March 16, 1904. Serial No. 198,490.

*To all whom it may concern:*

Be it known that I, ALFRED CLARK, a subject of the King of Great Britain and Ireland, residing at 33 Ryde Vale road, Balham, London, S. W., England, have invented certain new and useful Improvements in and Relating to Collapsible Gates and the Like, (for which I have made application for Letters Patent in Great Britain, No. 28,146, bearing date December 22, 1903,) of which the following is a specification.

My invention relates to folding or collapsible gates, shutters, window-guards, and the like, and has for its object to provide for the more complete filling up of the spaces in the lattice-work which form when the gate or the like is extended, while not substantially increasing the width of the structure when collapsed.

My invention consists in constructing a collapsible gate or the like from lazy-tongs links having rigid extensions which overlap, so that the apices of every adjacent set lie within one another, and intermediate upright bars or pickets which have a traverse during the extension and collapsing of the structure at right angles to the direction in which the structure extends, so that the spaces which exist when the gate is opened can be reduced.

Referring now to the accompanying drawings, Figure 1 is a front elevation of a collapsible gate constructed according to my invention, the gate being shown extended. Fig. 2 is a sectional plan of the same on the line A A of Fig. 1. Fig. 3 is an end elevation of the gate. Fig. 4 is a front elevation showing the gate collapsed. Figs. 5 and 6 are enlarged sectional elevation and plan of the vertical bars and rails hereinafter referred to. Figs. 7 and 8 are part sectional front and edge elevations of the interlaced corners of the device. Figs. 9 and 10 are part sectional front and side elevations of the end of the overlapping extensions guided in the outside bars. Fig. 11 is a front elevation of a modified form of the invention.

In carrying out the invention according to one construction as applied to a collapsible lattice-gate I construct the lattice-work of the

gate of lazy-tongs (see Figs. 1 to 10) formed from overlapping flat bars *b*, interlaced so as to inclose practically equal parallelogram spaces *a* and *g*. The bars *b* are pivoted at their centers *d* to the vertical pickets *e* and at the points *s* midway in their upper halves to the vertical grooved or channeled bars *k*, which are capable of being traversed horizontally and vertically to accommodate for the curved path of the pin *s* about the point *d*. At a point *o* midway in their lower halves the bars are provided with pins, which slide freely in the grooves of the channeled bars *k*. The extremities of the bars *b* move freely in the grooves of the vertical channeled pickets *e*, (except those bars *b* which meet the end pickets *f* and are thereby shortened to one-half the length of the other bars *b*.) The pickets *e* are provided with rollers *t* at their lower ends. These rollers run on rails *q*, as shown in Figs. 5 and 6, and thus the longitudinal motion of the gate during expanding and collapsing is facilitated. The upper ends of the pickets *e* may be guided by a similar rail *q*, interposed between the channels and without the assistance of a roller.

In Figs. 5 and 6 the construction of the vertical channeled bars is shown. The channels are placed with their grooves facing each other and are secured together by rivets and spacing-pieces, as will be readily understood.

A detail of the form of connection employed at the extremities of the bars is shown in Figs. 7 and 8. The letter *c* represents the extensions of the lazy-tongs links—that is to say, the parts of the bars *b* lying outside the points *o* and *s*. It will be seen that the bars *b* between the points *s* and *o* form the links of an ordinary lazy-tongs, while the parts *c* lying outside the points *s* and *o* are really extensions. The extensions *c* of two pairs of oppositely-converging bars are jointed, so that in the expanded position the joint of one pair of converging extensions lies nested within the apex of the oppositely-converging pair, as shown in Fig. 7. When the gate is collapsed, these joints move away from each other and are guided in this motion by the pins *h* working in the grooves *p*.







A detail of the sliding end connections in the bars *f* is shown in Figs. 9 and 10. It will be seen that the construction is similar to that illustrated in Figs. 7 and 8, with the exception  
 5 that there are not two pairs of oppositely-converging sides, but only one of the members of each pair.

In the construction described it will be seen that the bars *b* cross three vertical bars and  
 10 have their ends touching two others. This construction may be modified, however, without departing from my invention. For instance, as shown in Fig. 11, I may arrange each complete bar of the lazy-tongs with its  
 15 extensions to cross five bars—*i. e.*, three bars *e* and two bars *k*—and to have its ends touching and guided in two other bars *k k*, the arrangement of the lattice-work being similar to that hereinbefore described. In this case,  
 20 however, the extensions of the bars *b* are made twice the length of those in the first-described form. Extra sets of parallelograms *xx* are inclosed by the extensions, and the overlapping ends of the extensions which form the inter-  
 25 lacing corners are guided in the bars *k* instead of the bars *e*, as in the first-described form. The general structure of the gate is, however, the same, and the areas of the parallelograms are practically equal to one another. In all  
 30 cases the upright bars may be made of channels within which the guide-pins travel, or they may be made flat and be provided with slots, or any suitable combination of flat and channel bars may be used.

35 A peculiar feature of my new construction of gates is that the lattice-work of the gate is always completely interlaced—that is, the spaces or parallelograms inclosed by the various lazy-tong bars and extensions, except  
 40 at the edge of the gate, are of substantially the same size as each other.

The same construction as above described may be applied to shutters, window-guards,

and the like, as will be readily understood without further description and illustration. 45

Having now described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A lazy-tongs structure for a collapsible gate or the like, comprising pickets arranged  
 50 at right-angles to the direction of collapse of the gate, a lattice-work of lazy-tongs, bars and extensions, the ends of the extensions overlapping and forming corners, which interlace and in the expanded position of the gate are  
 55 nested within the adjacent corners of the corresponding extensions, substantially as described.

2. A lazy-tongs structure for a collapsible gate or the like, comprising a lattice-work of  
 60 lazy-tongs, bars and extensions forming parallelogram spaces of substantially the same size, the extensions having overlapping ends forming corners which interlace and in the expanded position of the gate are nested with-  
 65 in corresponding corners of the adjacent extensions, and parallel bars to which the lower tongs are pivoted, substantially as described.

3. A lazy-tongs structure for a collapsible gate or the like, comprising vertical pickets,  
 70 a lattice-work of lazy-tongs, extensions pivoted to the vertical pickets throughout the entire length of the same, the ends of the extensions being overlapped and forming corners, which interlace and in the expanded po-  
 75 sition of the gate are nested within corresponding corners of the adjacent extensions, and parallel bars interposed between the pickets and being shorter than the same, sub-  
 80 stantially as described.

In witness whereof I have hereunto set my hand in presence of two witnesses.

ALFRED CLARK.

Witnesses:

ALBERT E. PARKER,  
 CHAS. E. HOPKINS.























PATENT  
DIAGRAMS







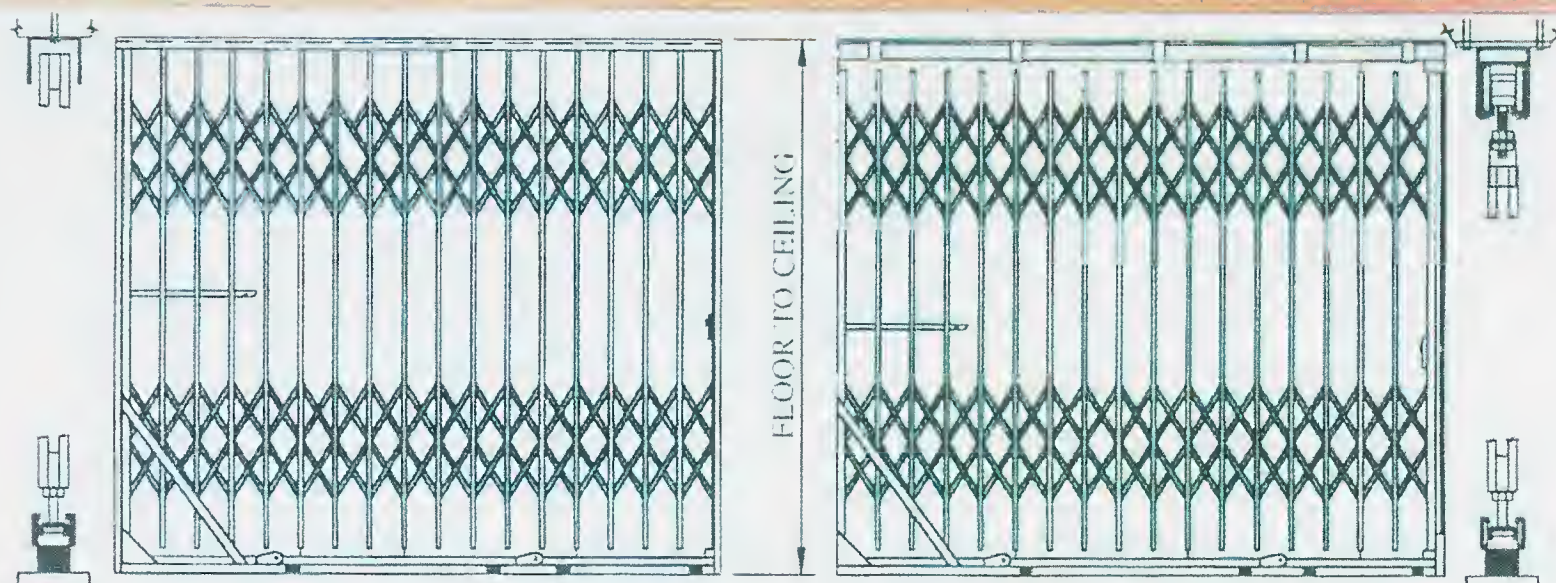
# MILLER WIRE WORKS, INC.

## Bostwick Type Folding Gates

### SPECIFICATIONS FOR BOSTWICK TYPE FOLDING GATE

Vertical bars are two  $\frac{3}{4}$ " x  $\frac{3}{8}$ " cold rolled steel channel frames riveted together not over 6" o.c. Lattice bars are  $\frac{5}{8}$ " x  $\frac{5}{16}$ " flat bar with brass washers and machined channel guides on ends. Vertical end bars are cold rolled box track sections with ball bearing rollers for smooth operation. Gate can be fitted for cylinder lock or padlock lug. All gates have self-locking tie back.

FINISH: Dipped in cleaning bath & painted one shop coat of enamel as selected from our standard colors.



No. 501-SINGLE BOSTWICK FOLDING GATE

Three sets of lattices for gate over 9'-6" high. Recommended maximum width 16'-0". Equipped with  $2\frac{1}{4}$ " x 2" top guide channel and bottom folding track with rubber floor pads and 4-wheel ball bearing carriages. Gate can be hinged, fixed or mounted to Type "A" or Type "B" cabinet.

No. 501-DOUBLE BOSTWICK FOLDING GATE

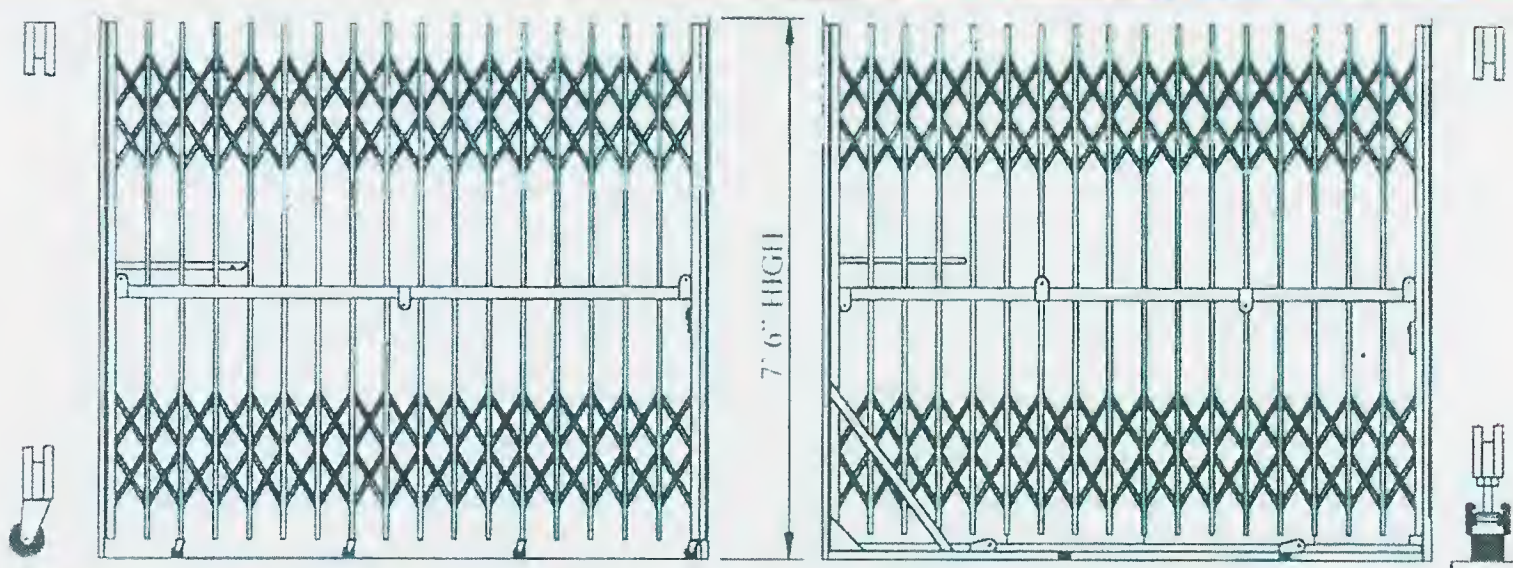
Same as single gate except maximum recommended width 24'-0".

No. 502-SINGLE BOSTWICK FOLDING GATE

Three sets of lattices for gate over 9'-6" high. Recommended maximum width 16'-0". Equipped with stationary top track with rollers and bottom folding track with rubber floor pads and 4-wheel ball bearing carriages for easy operation. Gate can be fixed or mounted to Type "A" cabinet.

No. 502-DOUBLE BOSTWICK FOLDING GATE

Same as single gate except maximum recommended width 24'-0".



No. 504-SINGLE BOSTWICK FOLDING GATE

Recommended maximum width 8'-0" x 7'-6" high. Gates over 6 feet wide will have jackknife brace for added rigidity. Gate can be hinged, fixed or mounted to Type "A" or Type "B" cabinet.

No. 504-DOUBLE BOSTWICK FOLDING GATE

Same as single gate except maximum recommended width 12'-0".

No. 506-SINGLE BOSTWICK FOLDING GATE

Recommended maximum width 12'-0" x 7'-6" high. Equipped with jackknife brace and bottom folding track with rubber floor pads and 4-wheel ball bearing carriages for added rigidity. Gate can be hinged, fixed or mounted to either Type "A" or Type "B" cabinet.

No. 506-DOUBLE BOSTWICK FOLDING GATE

Same as single gate except maximum recommended width 16'-0".





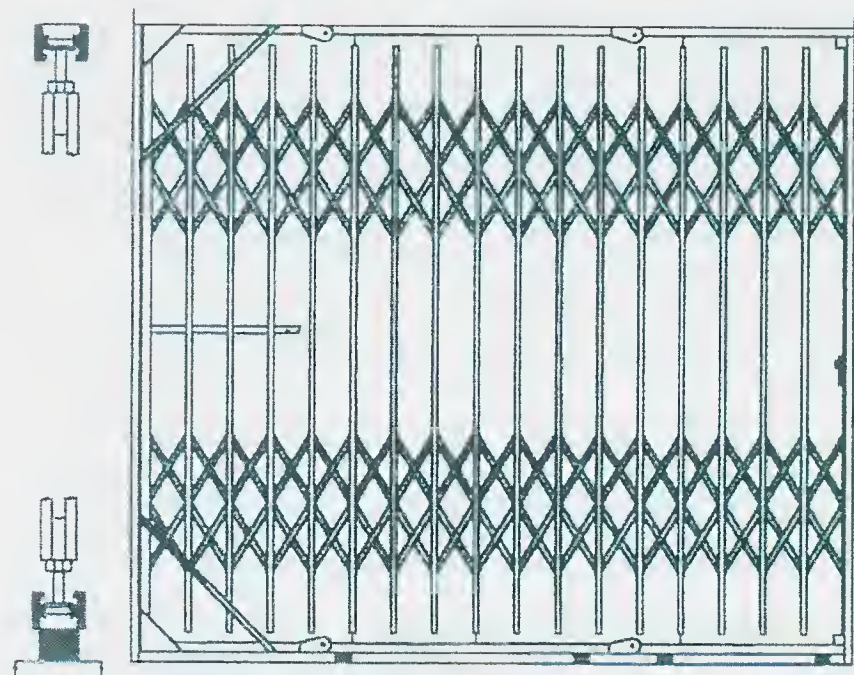




MILLER WIRE WORKS, INC.

# MILLER WIRE WORKS, INC.

## Bostwick Type Folding Gates



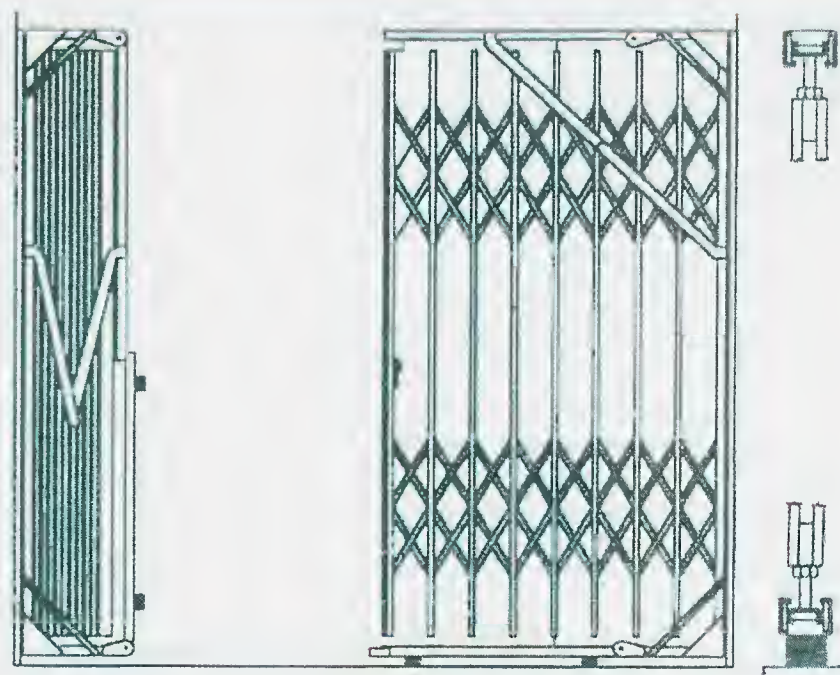
**No. 508-SINGLE BOSTWICK FOLDING GATE**

Recommended maximum height 7'-6". Equipped with top and bottom folding track and 4-wheel ball bearing carriages for easy operation. Bottom track has rubber floor pads. Gate can be hinged, fixed or mounted to Type "A" or Type "B" cabinet.

Maximum Corridor width 16'-0" without Cabinet.

Maximum Corridor width 16'-0" with Shallow Wall Cabinet.

Maximum Corridor width 12'-0" with Deep Wall Cabinet.



**No. 509-DOUBLE BOSTWICK FOLDING GATE**

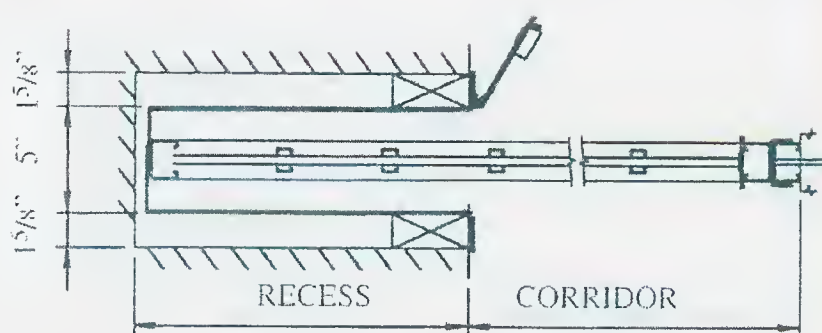
Recommended maximum height 7'-6". Equipped with top and bottom folding track and 4-wheel ball bearing carriages for easy operation. Bottom track has rubber floor pads. Gate can be hinged, fixed or mounted to Type "A" or Type "B" cabinet.

Maximum Corridor width 16'-0" without Cabinet.

Maximum Corridor width 16'-0" with Shallow Wall Cabinet.

Maximum Corridor width 12'-0" with Deep Wall Cabinet.

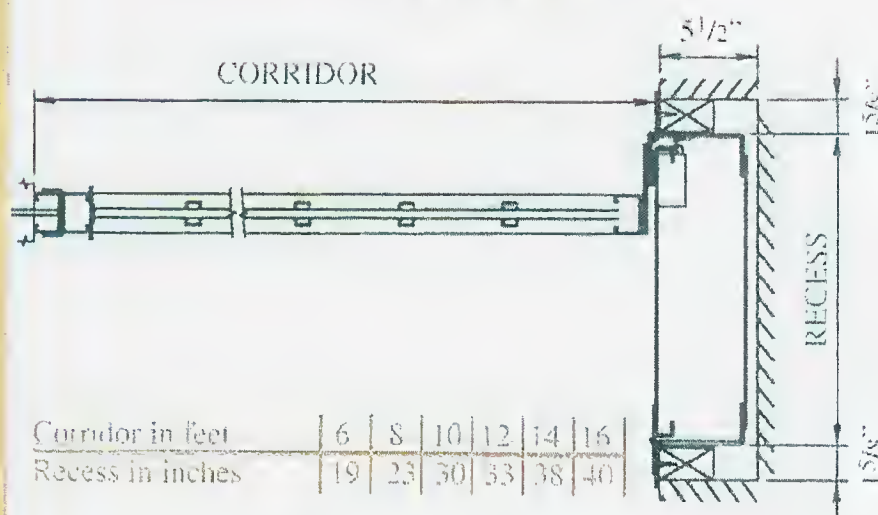
### TYPE A- DEEP WALL CABINET (OPTIONAL)



|                  |    |    |    |    |    |    |
|------------------|----|----|----|----|----|----|
| Corridor in feet | 6  | 8  | 10 | 12 | 14 | 16 |
| Recess in inches | 23 | 30 | 36 | 38 | 40 | 44 |

Constructed of formed 12 gauge steel sheets with  $\frac{3}{16}$ " thick door and face trim. Cabinet door will remain open when gate is extended. Any standard  $1\frac{5}{32}$ " diameter cylinder can be used in lock.

### TYPE B- SHALLOW WALL CABINET (OPTIONAL)



|                  |    |    |    |    |    |    |
|------------------|----|----|----|----|----|----|
| Corridor in feet | 6  | 8  | 10 | 12 | 14 | 16 |
| Recess in inches | 19 | 23 | 30 | 33 | 38 | 40 |

Constructed of "Z" bar with 16 gauge steel sheet door and back. Door can be closed while gate is extended. Any standard  $1\frac{5}{32}$ " diameter cylinder can be used in lock.







AUCTION  
SLIP







(TRADE CATALOGUE-GATES) BOSTWICK GATE COMPANY. THE BOSTWICK CO'S CATALOGUE OF WROT IRON & ART METAL WORK. MAKERS OF ELECTRIC AND GAS FITTINGS, VANES, FINIALS, SIGNS, LIFT ENCLOSURES, BALUSTERS, RAILINGS, ECCLESIASTICAL WORKS &C.

\$1,600.00

*London: 1903. Oblong quarto. Original limp blue cloth wrappers, with flap and cloth ties, folded vertically. 54 leaves some of which printed on one side only (the tinted illustrations, some of which photographic) and others on both sides (items illustrated on scale drawings), for a total of 90 plus (1) printed sides (including the index at front pastedown), together with 2 photographs of wrought iron loosely inserted; United States patent to Alfred Clark, 5 leaves, including 3 measured plans; 1 photographic entry card (2 1/2 x 4 inches); miniature sample of collapsible gate.*

A rare collection of items related to the Bostwick Gate Company which, in addition to the catalogue include three other items: (1) a ten-page United States of America patent for Alfred Clark's Collapsible Gates (shown on pages 25 and 27 of the Bostwick catalogue), dated April 1905; (2) Alfred Clark's photographic entry card (*carte de service*) for the Exposition Universelle Internattionale held in Paris in 1900, on which he is described as the representative for the Bostwick Gate & Shutter Company; and (3) a miniature working brass sample of the collapsible gates devised by Alfred Clark, which became known as Bostwick Gates, versions of which are still being produced today.

(39027)





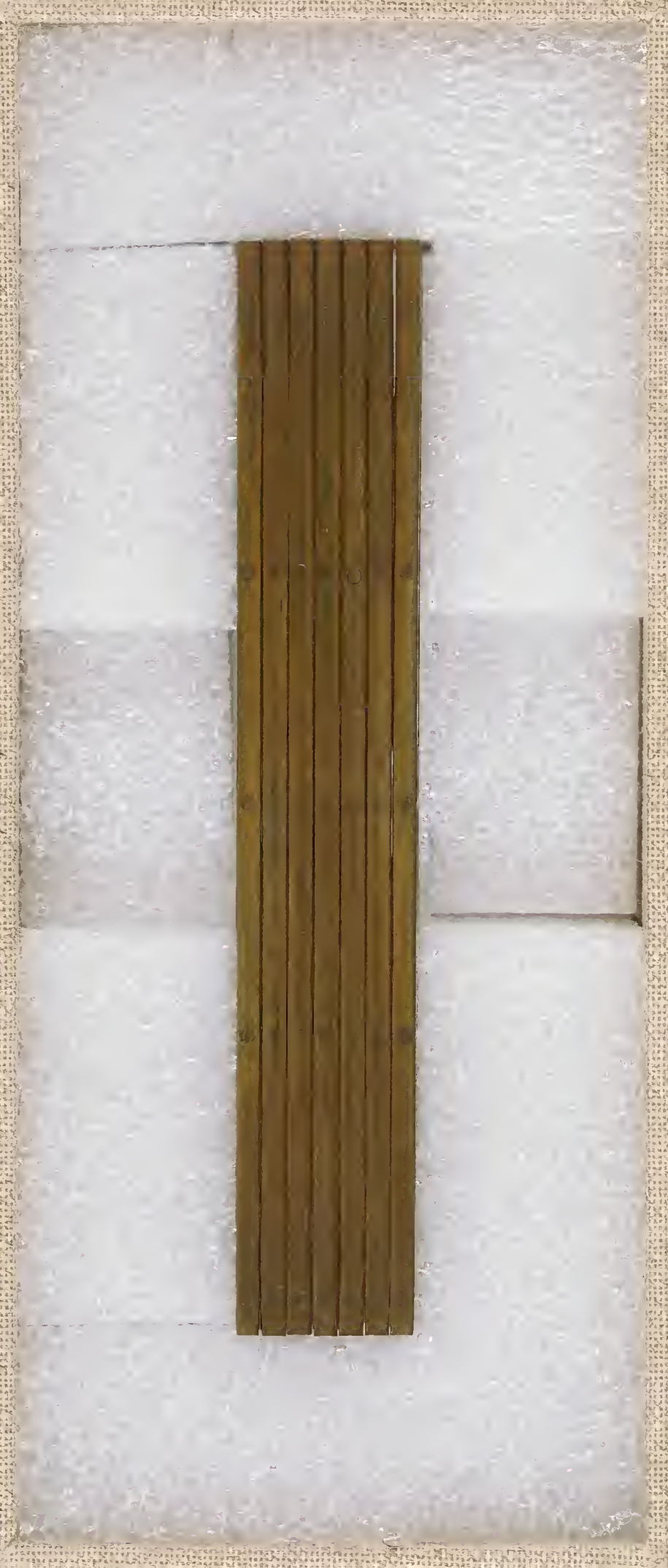


GATE  
MODEL





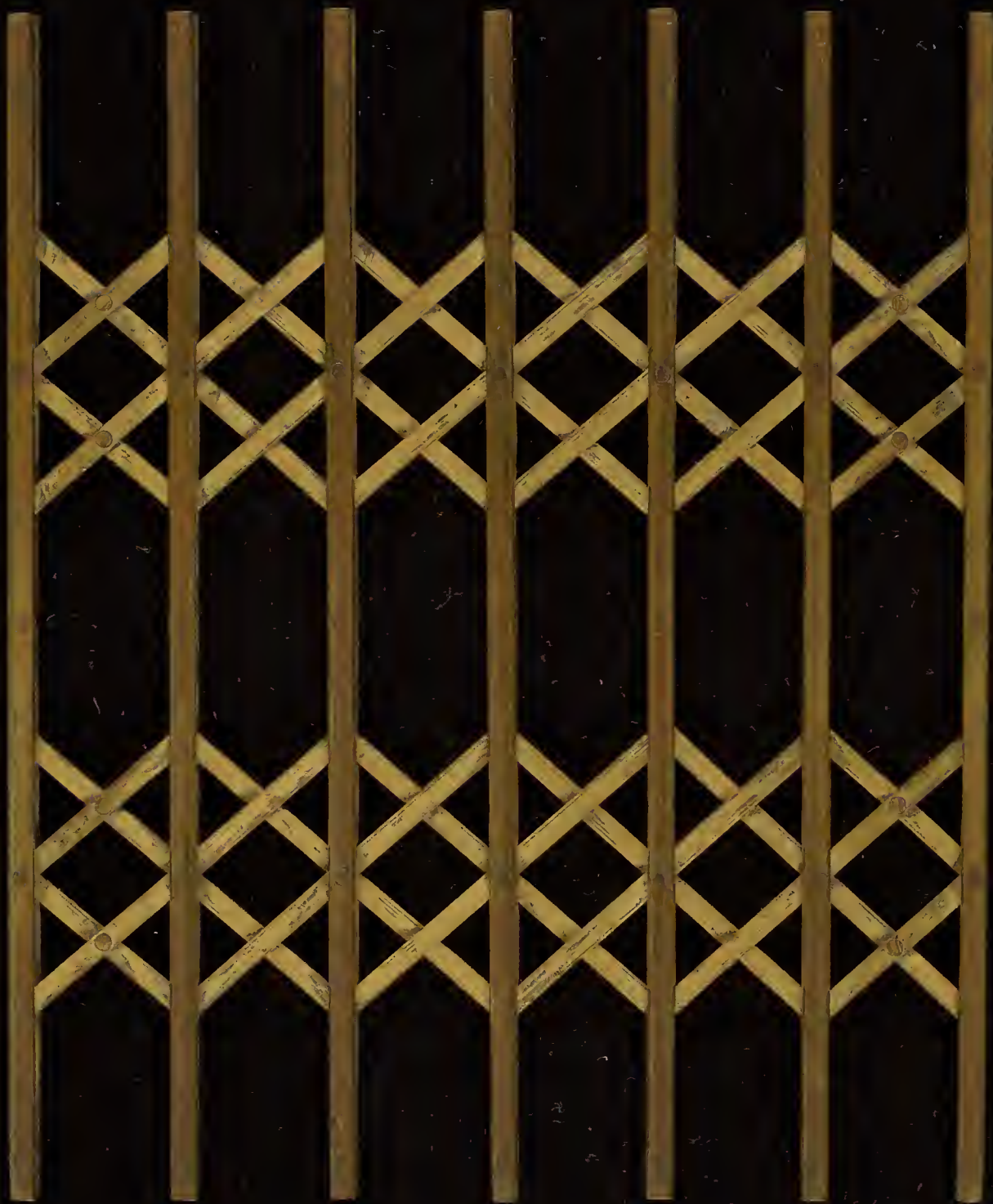


























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